

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029800.D
 Acq On : 30 Jul 2024 14:16
 Operator : SY/MD
 Sample : P3282-21MS
 Misc : 10.68g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20N1MS

Quant Time: Jul 31 02:00:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	253948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	51926	14.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.600%
7) Chloroethane-d5	2.899	69	45634	17.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	4.015	65	26383	16.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.120%
21) 2-Butanone-d5	7.069	46	41608	42.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.220%
24) Chloroform-d	7.642	84	142535	21.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	8.301	65	83493	22.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	8.270	84	260381	19.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.720%
36) 1,2-Dichloropropane-d6	9.270	67	87115	20.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	10.319	98	233808	19.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.575	79	35249	20.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.480%
47) 2-Hexanone-d5	10.922	63	28914	41.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69222	22.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	75995	20.091	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	77143	22.536	ug/L	100
3) Chloromethane	2.222	50	97903	23.113	ug/L	97
5) Vinyl chloride	2.375	62	108486	22.858	ug/L	95
6) Bromomethane	2.783	94	60131	23.073	ug/L	95
8) Chloroethane	2.936	64	64635	23.939	ug/L	98
9) Trichlorofluoromethane	3.259	101	83427	22.006	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	82515	21.854	ug/L	96
12) 1,1-Dichloroethene	4.045	96	79297	22.857	ug/L	91
13) Acetone	4.118	43	47592	38.756	ug/L	100
14) Carbon disulfide	4.387	76	264776	22.934	ug/L	100
15) Methyl Acetate	4.667	43	48183	23.557	ug/L	100
16) Methylene chloride	4.917	84	118288	22.281	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	89490	23.937	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	141580	22.978	ug/L	97
19) 1,1-Dichloroethane	6.210	63	190656	24.180	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	97854	24.130	ug/L	96
22) 2-Butanone	7.167	43	66498	42.263	ug/L	99
23) Bromochloromethane	7.508	128	41971	24.379	ug/L	95
25) Chloroform	7.673	83	182880	24.618	ug/L	97

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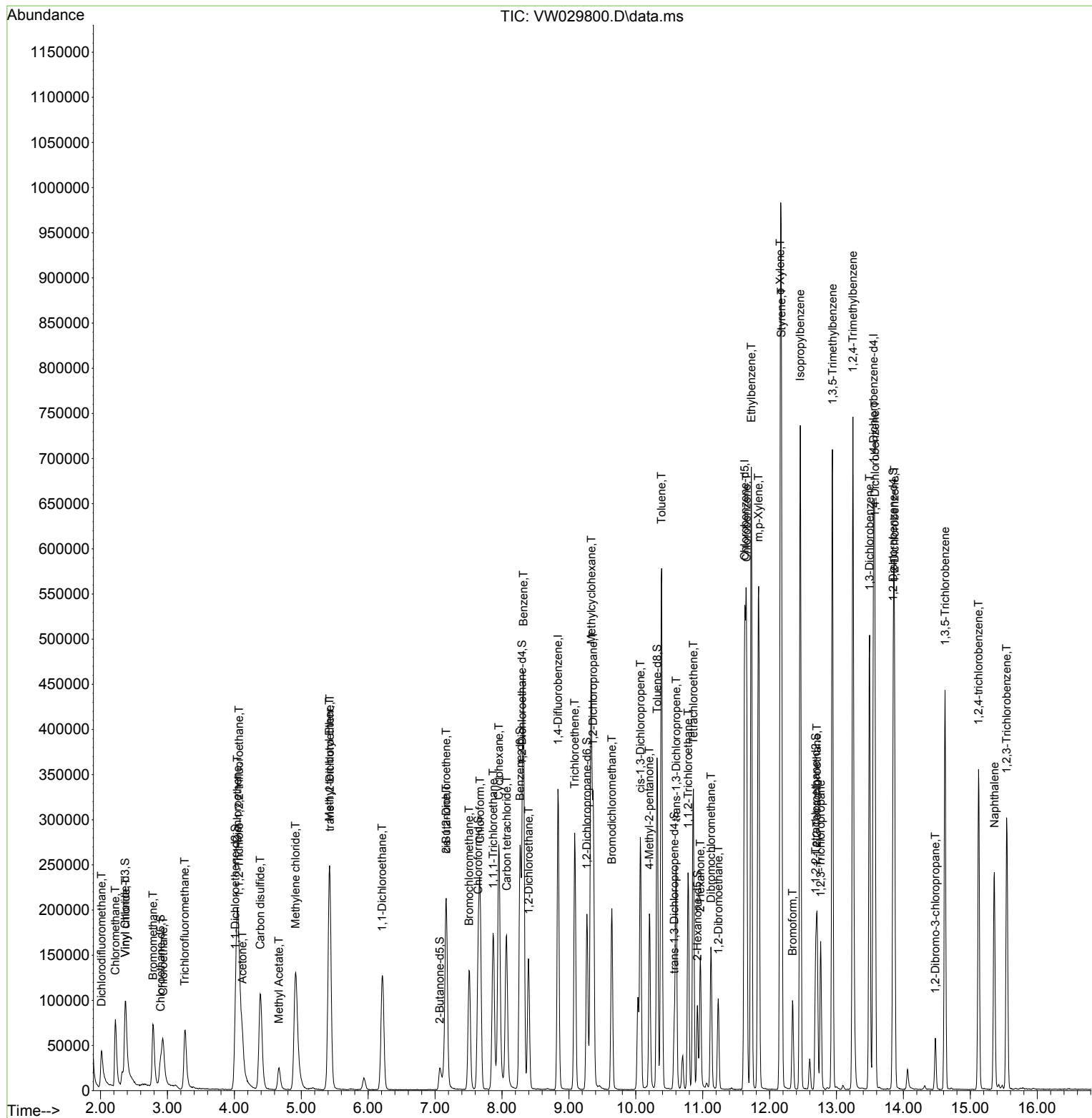
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132416	24.459	ug/L	100
29) Cyclohexane	7.953	56	157262	22.602	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	139247	22.458	ug/L	99
31) Carbon tetrachloride	8.069	117	129674	23.210	ug/L	100
33) Benzene	8.319	78	398689	23.765	ug/L	100
34) Trichloroethene	9.087	95	100251	22.796	ug/L	92
35) Methylcyclohexane	9.337	83	170583	23.278	ug/L	99
37) 1,2-Dichloropropane	9.361	63	110666	24.072	ug/L	99
38) Bromodichloromethane	9.642	83	131116	23.950	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	156159	23.324	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	134975	46.222	ug/L	99
42) Toluene	10.386	91	407086	23.773	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	129619	23.321	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73031	23.646	ug/L	97
46) Tetrachloroethene	10.861	164	71464	22.357	ug/L	83
48) 2-Hexanone	10.965	43	97233	44.459	ug/L	98
49) Dibromochloromethane	11.123	129	77478	24.165	ug/L	100
50) 1,2-Dibromoethane	11.233	107	66411	23.240	ug/L	95
51) Chlorobenzene	11.654	112	254268	23.872	ug/L	97
52) Ethylbenzene	11.727	91	458781	23.751	ug/L	99
53) m,p-Xylene	11.837	106	172256	24.248	ug/L	89
54) o-Xylene	12.160	106	159634	24.402	ug/L	99
55) Styrene	12.178	104	280188	24.709	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	86937	22.934	ug/L #	99
59) Bromoform	12.343	173	41155	22.452	ug/L	98
60) Isopropylbenzene	12.458	105	441902	23.443	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65799	22.209	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360802	25.751	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380968	25.424	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	188343	23.418	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	192281	23.275	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	162798	22.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13788	20.496	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	120823	21.957	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	99214	21.402	ug/L	97
71) Naphthalene	15.360	128	187743	21.225	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	94349	22.486	ug/L	98

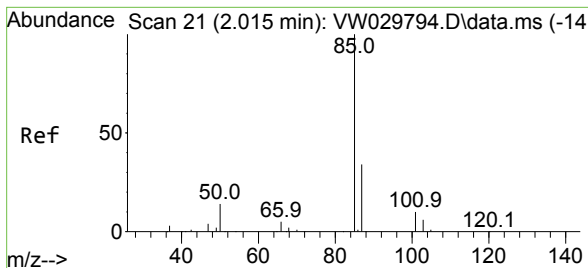
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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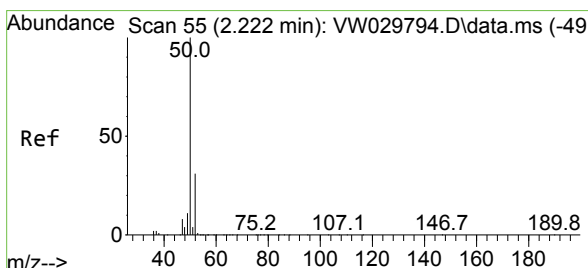
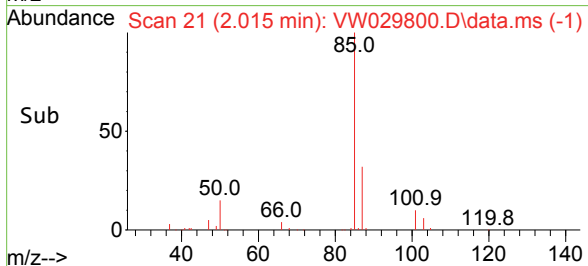
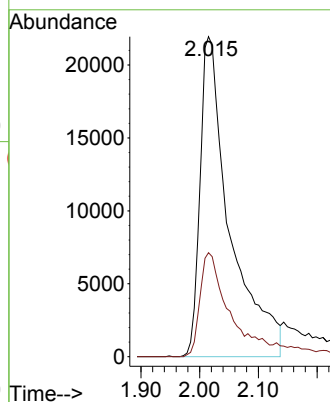
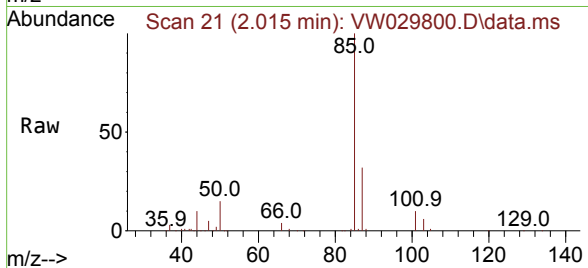




#2
 Dichlorodifluoromethane
 Concen: 22.536 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

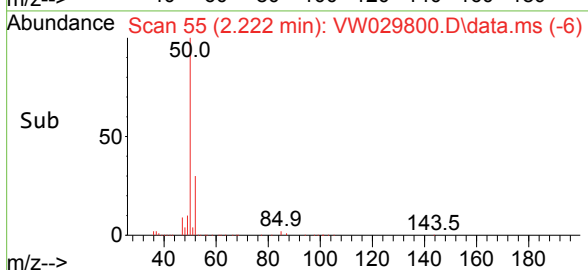
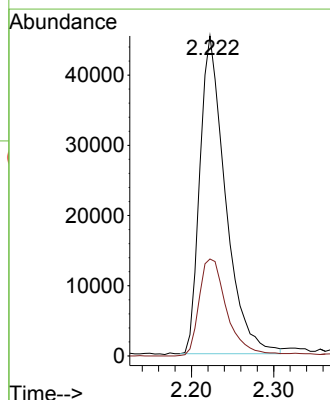
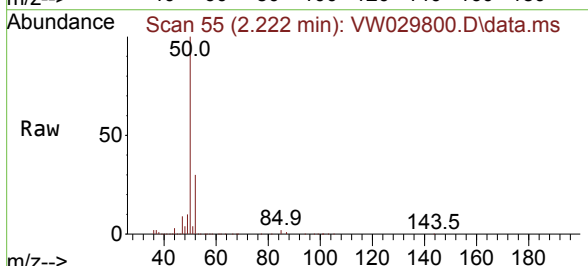
Instrument :
 MSVOA_W
 ClientSampleId :
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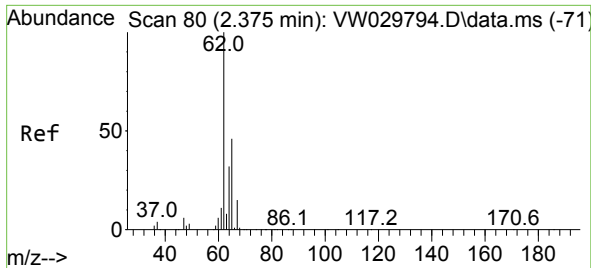
Tgt Ion: 85 Resp: 77143
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 23.113 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

Tgt Ion: 50 Resp: 97903
 Ion Ratio Lower Upper
 50 100
 52 30.3 22.5 41.9

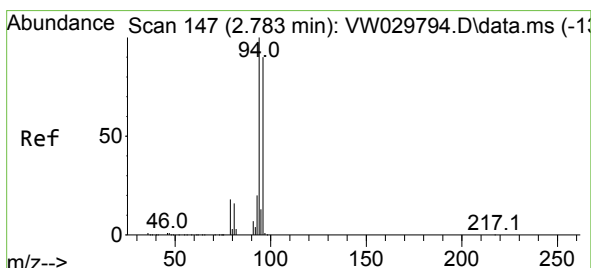
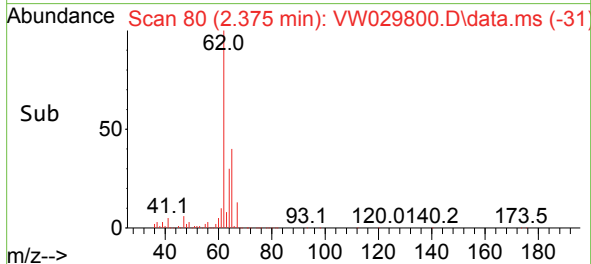
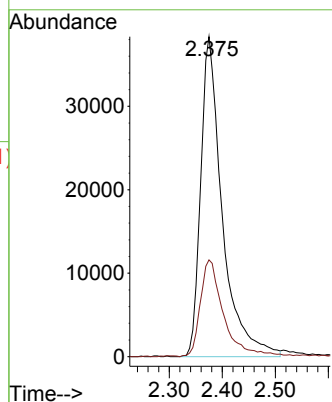
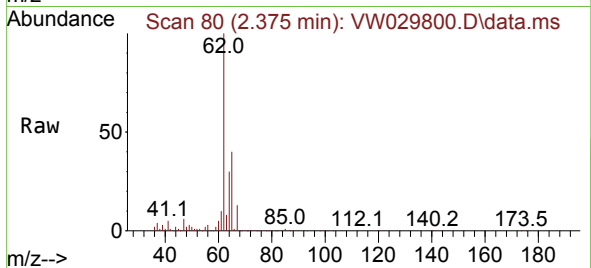




#5
 Vinyl chloride
 Concen: 22.858 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

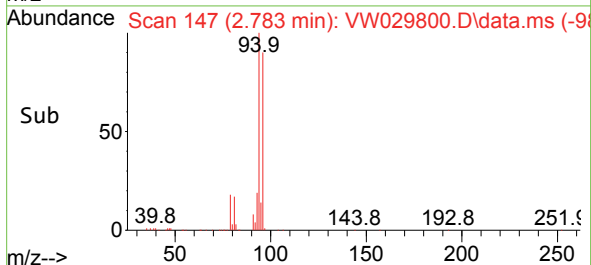
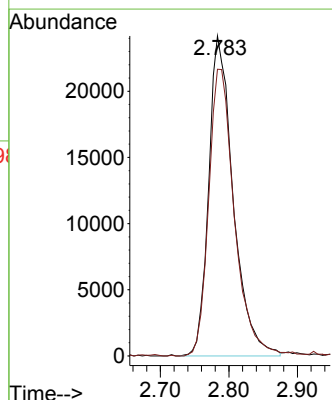
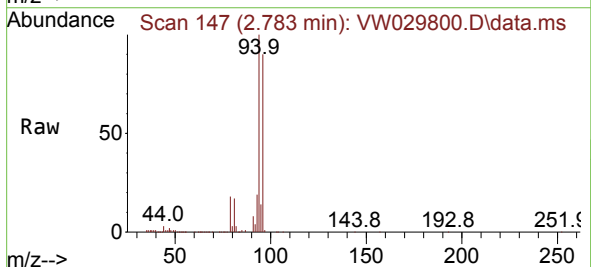
Instrument :
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 ClientSampleId :
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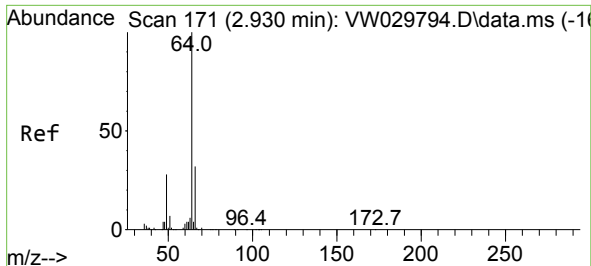
Tgt Ion: 62 Resp: 108486
 Ion Ratio Lower Upper
 62 100
 64 30.3 23.2 43.2



#6
 Bromomethane
 Concen: 23.073 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

Tgt Ion: 94 Resp: 60131
 Ion Ratio Lower Upper
 94 100
 96 89.6 66.2 123.0

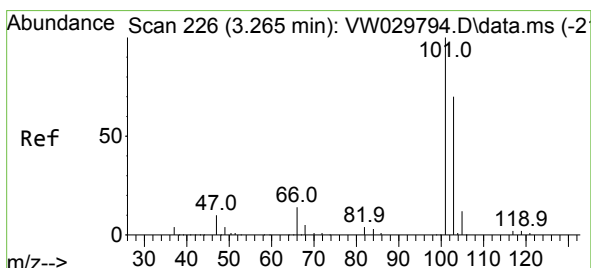
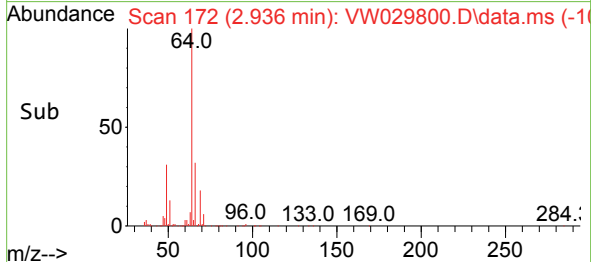
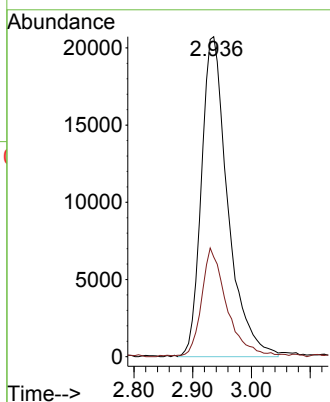
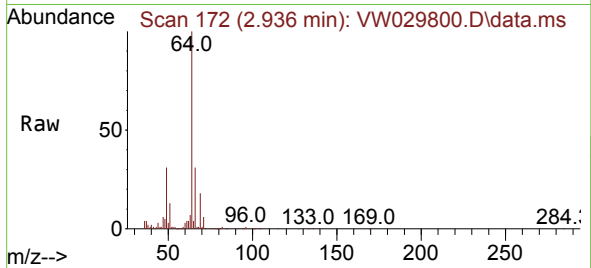




#8
Chloroethane
Concen: 23.939 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

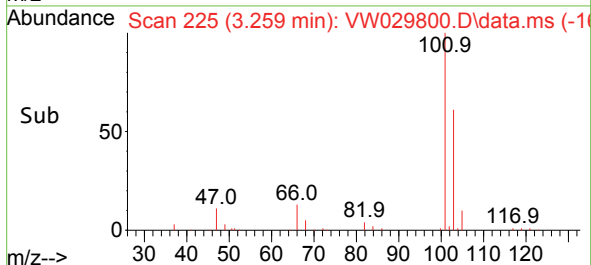
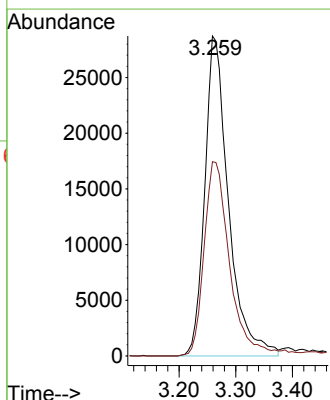
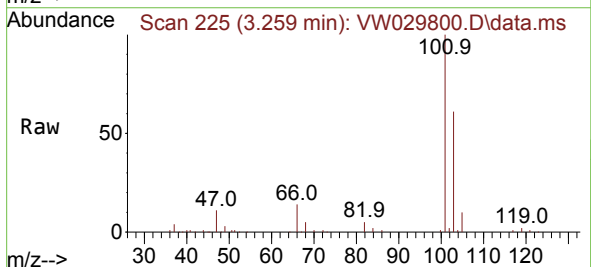
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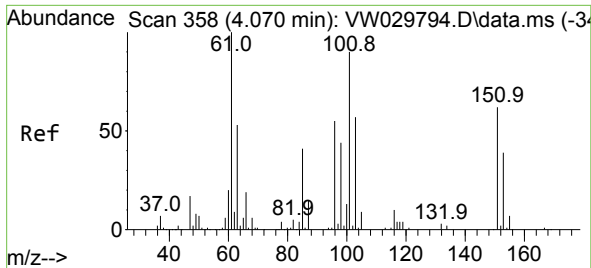
Tgt Ion: 64 Resp: 64635
Ion Ratio Lower Upper
64 100
66 31.2 21.2 39.4



#9
Trichlorofluoromethane
Concen: 22.006 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 101 Resp: 83427
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

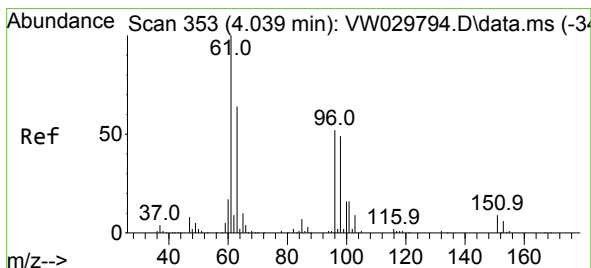
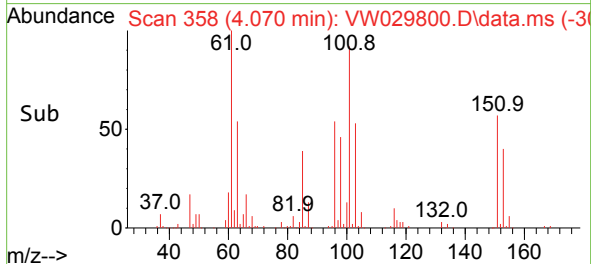
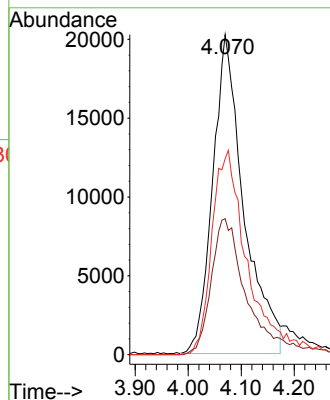
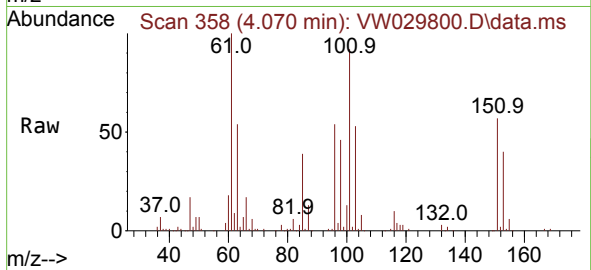




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.854 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.000 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

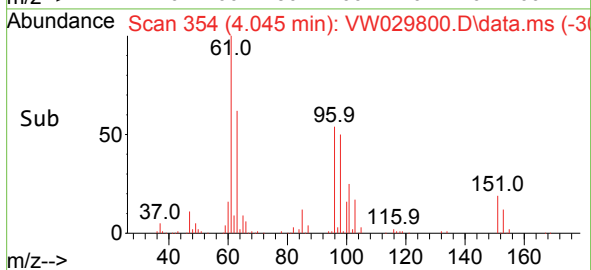
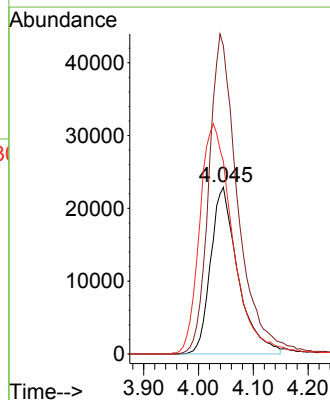
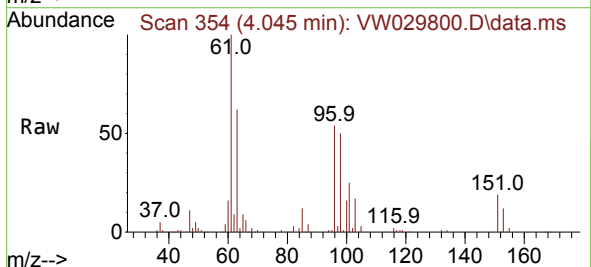
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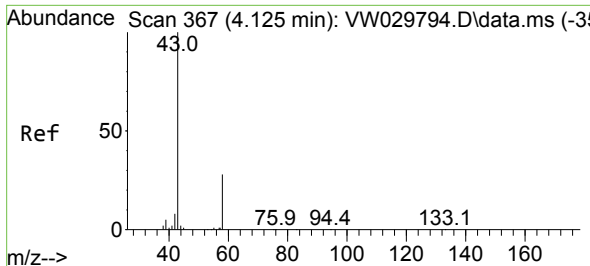
Tgt Ion:101 Resp: 82515
 Ion Ratio Lower Upper
 101 100
 85 45.1 34.2 51.4
 151 70.8 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.857 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

Tgt Ion: 96 Resp: 79297
 Ion Ratio Lower Upper
 96 100
 61 184.8 138.3 256.9
 63 115.5 89.0 165.4

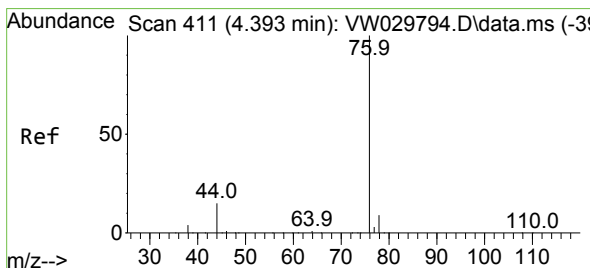
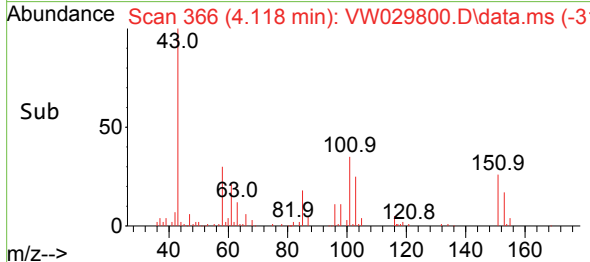
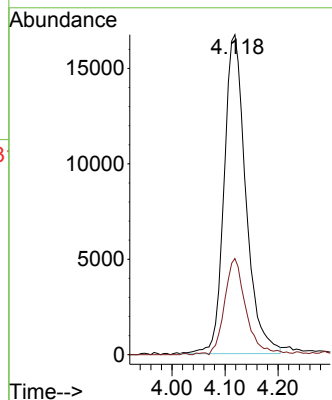
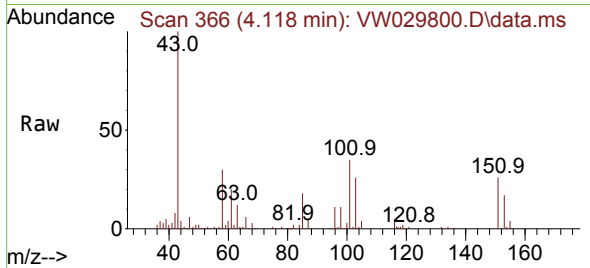




#13
Acetone
Concen: 38.756 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.006 min
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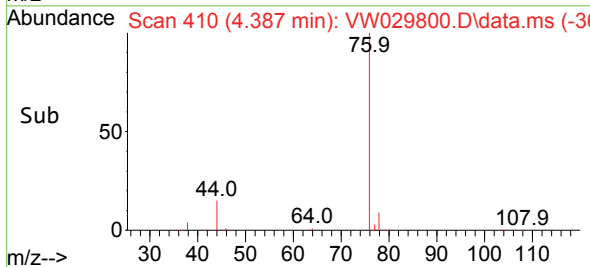
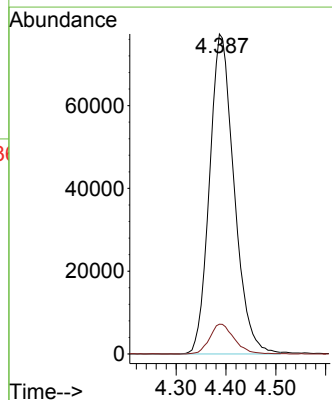
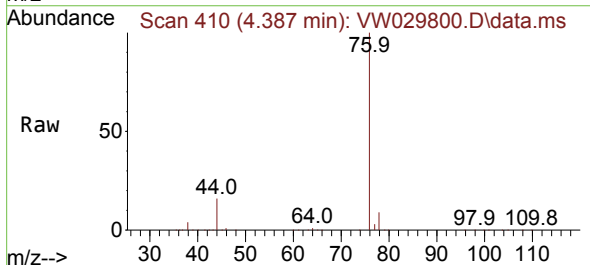
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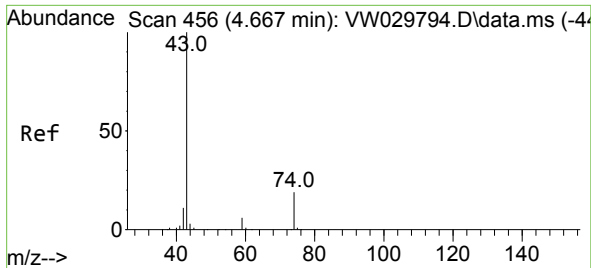
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 57.6



#14
Carbon disulfide
Concen: 22.934 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 76 Resp: 264776
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

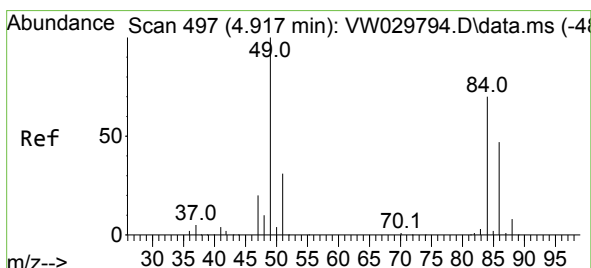
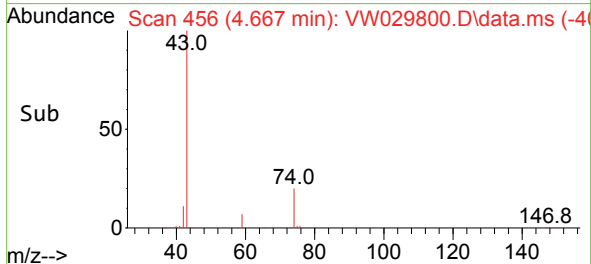
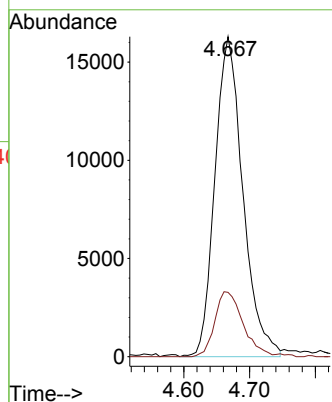
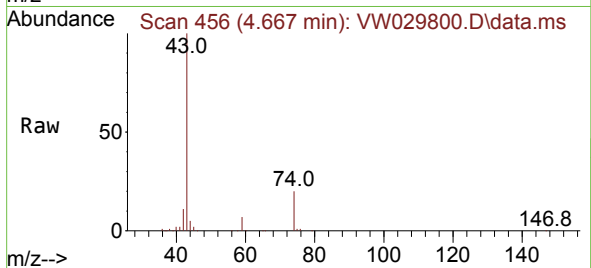




#15
Methyl Acetate
Concen: 23.557 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

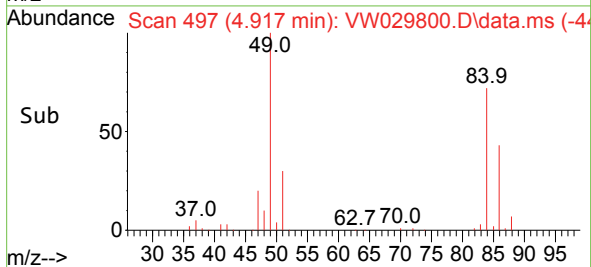
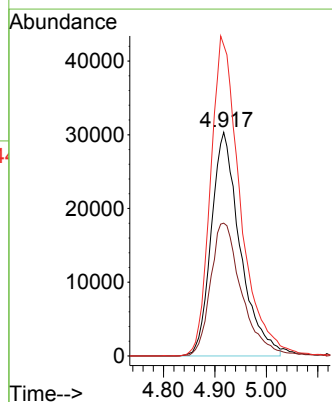
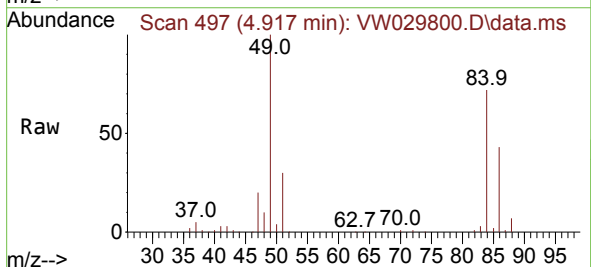
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

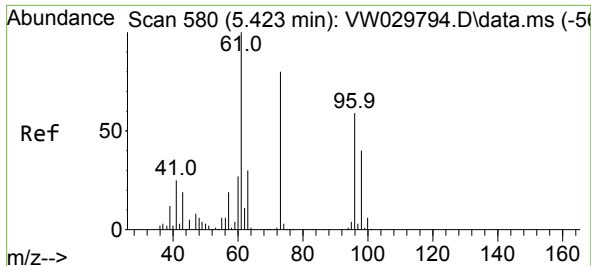
Tgt Ion: 43 Resp: 48183
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7



#16
Methylene chloride
Concen: 22.281 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 84 Resp: 118288
Ion Ratio Lower Upper
84 100
86 59.3 44.7 82.9
49 139.0 99.0 184.0

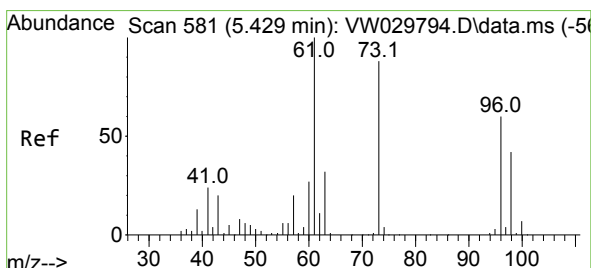
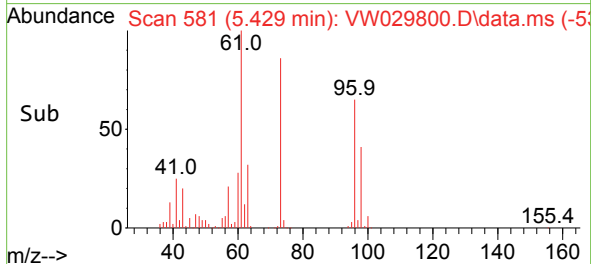
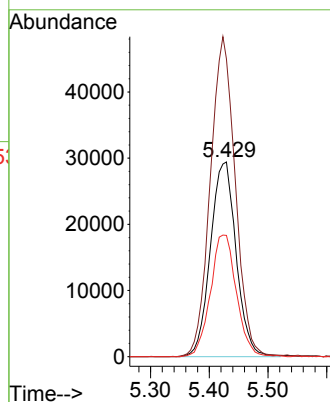
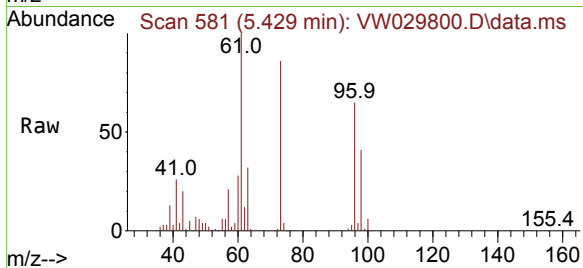




#17
trans-1,2-Dichloroethene
Concen: 23.937 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

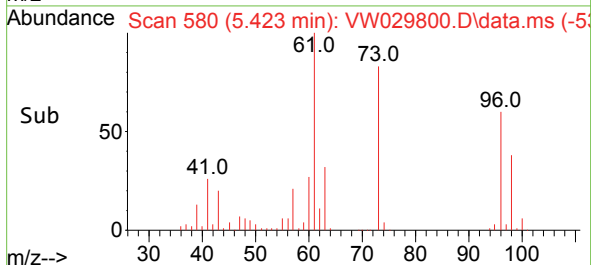
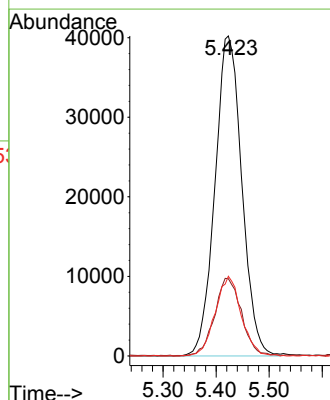
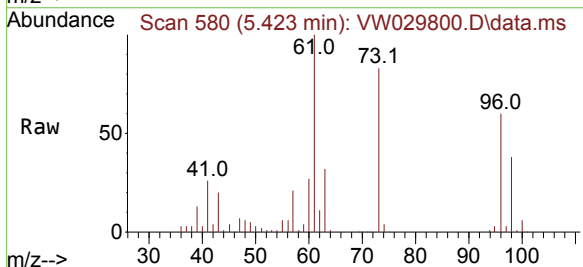
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

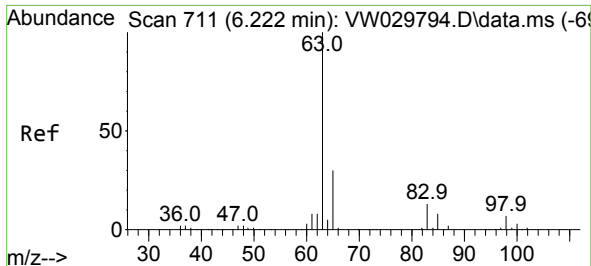
Tgt Ion: 96 Resp: 89490
Ion Ratio Lower Upper
96 100
61 152.9 111.2 206.6
98 62.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 22.978 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 73 Resp: 141580
Ion Ratio Lower Upper
73 100
43 24.3 18.3 27.5
57 24.0 17.9 26.9

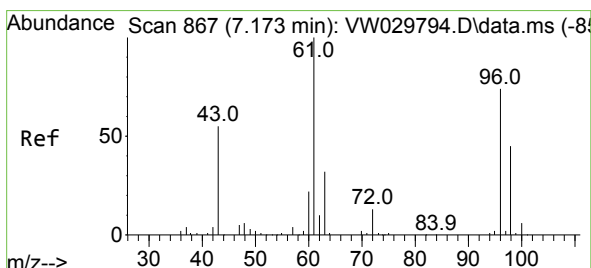
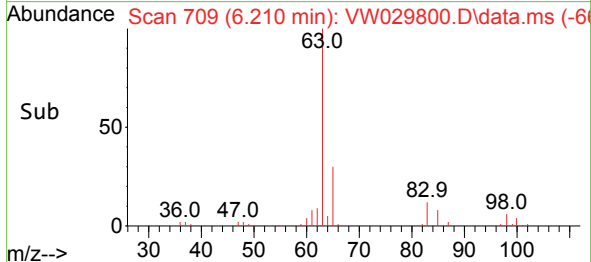
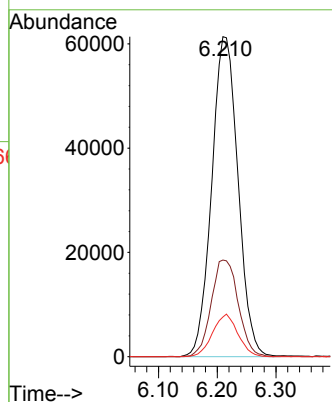
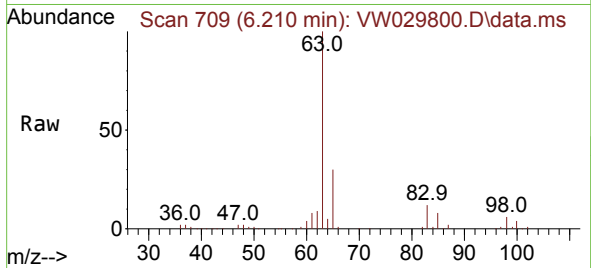




#19
 1,1-Dichloroethane
 Concen: 24.180 ug/L
 RT: 6.210 min Scan# 709
 Delta R.T. -0.012 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

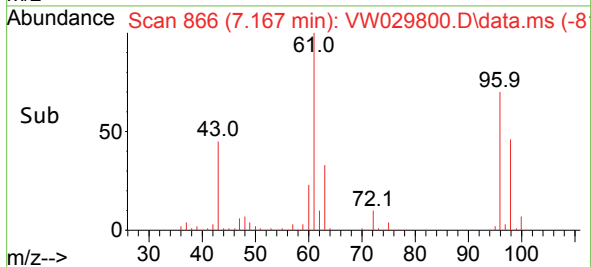
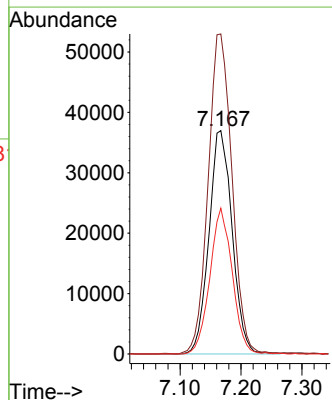
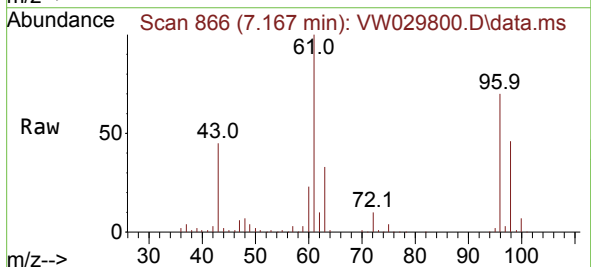
Instrument :
 MSVOA_W
 ClientSampleId :
 E20N1MS

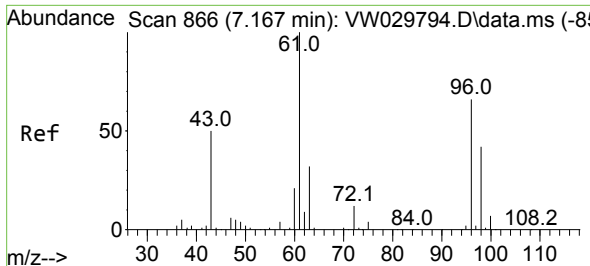
Tgt Ion: 63 Resp: 190656
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.3 41.3
 83 12.4 8.5 15.7



#20
 cis-1,2-Dichloroethene
 Concen: 24.130 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW029800.D
 Acq: 30 Jul 2024 14:16

Tgt Ion: 96 Resp: 97854
 Ion Ratio Lower Upper
 96 100
 61 143.2 98.2 182.4
 98 65.2 41.9 77.9

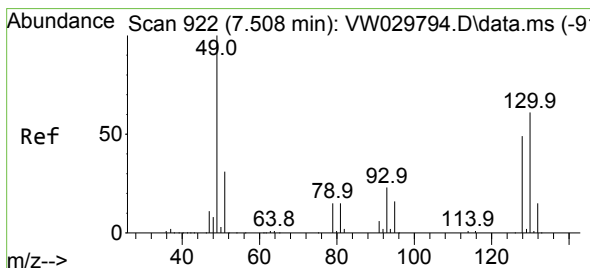
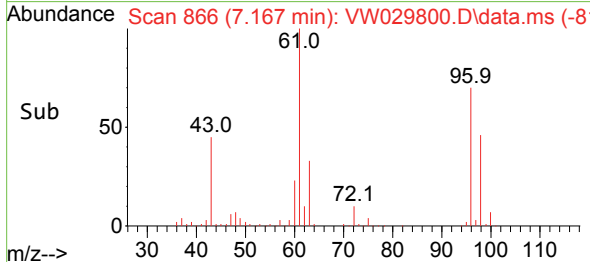
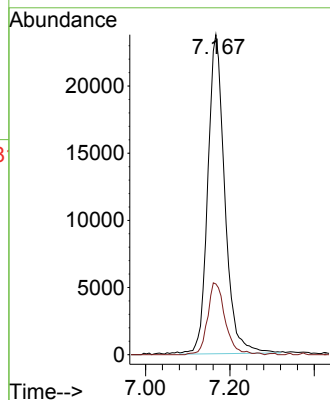
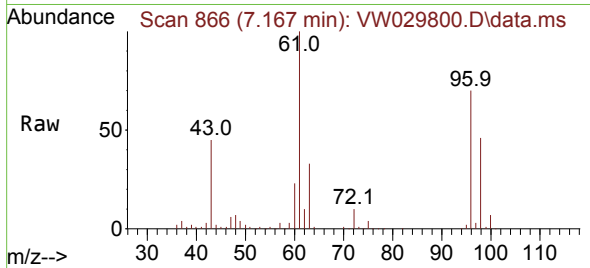




#22
2-Butanone
Concen: 42.263 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

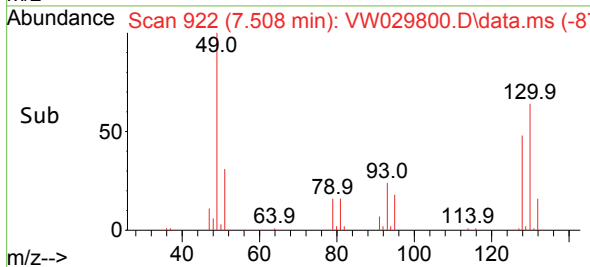
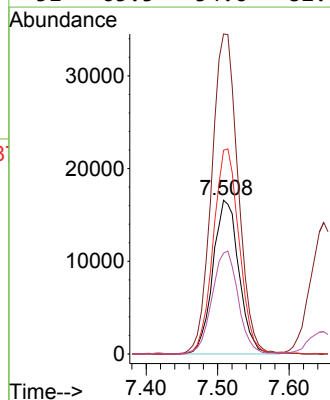
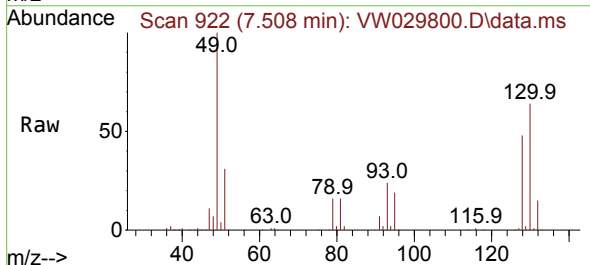
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

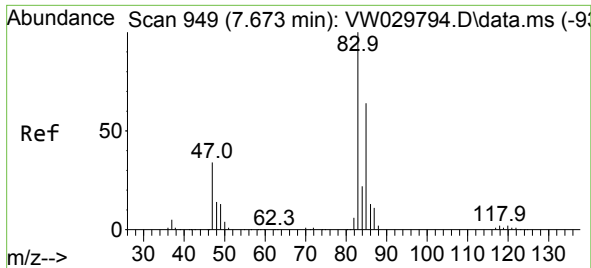
Tgt Ion: 43 Resp: 66498
Ion Ratio Lower Upper
43 100
72 22.9 11.7 35.1



#23
Bromochloromethane
Concen: 24.379 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 128 Resp: 41971
Ion Ratio Lower Upper
128 100
49 208.1 151.1 280.7
130 132.4 96.8 179.8
51 65.5 54.6 82.0

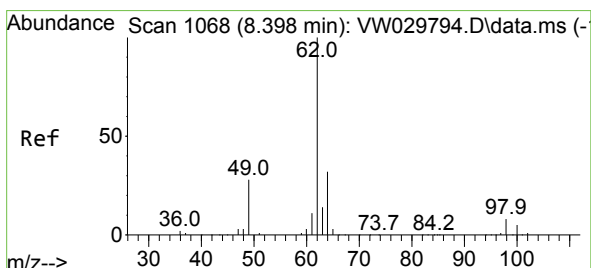
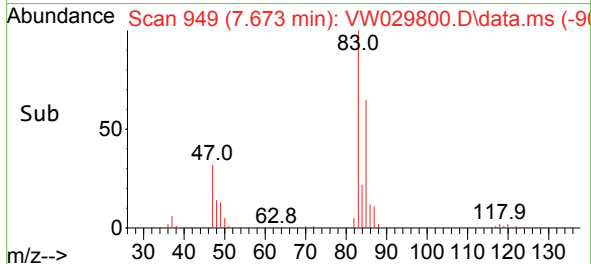
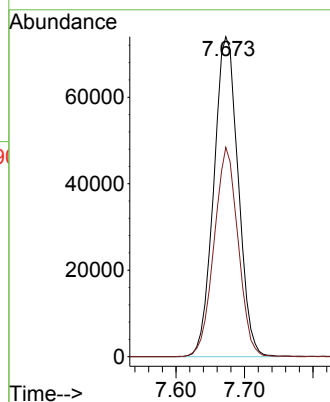
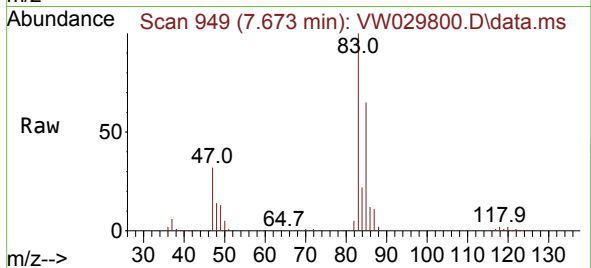




#25
Chloroform
Concen: 24.618 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

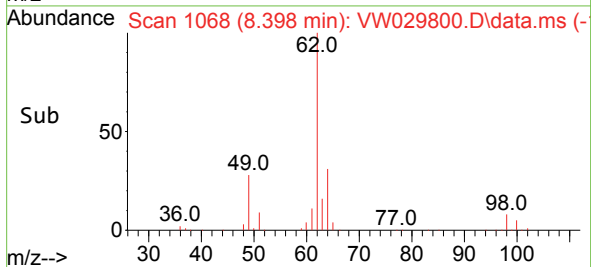
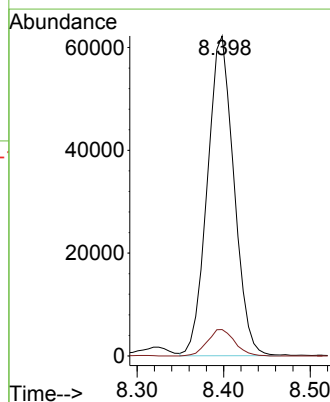
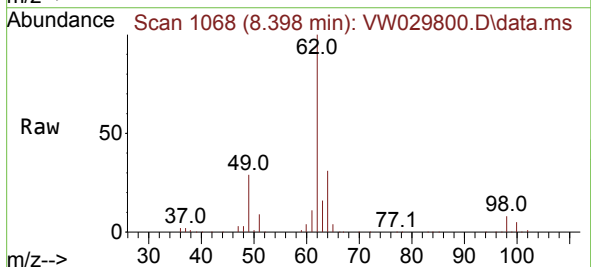
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

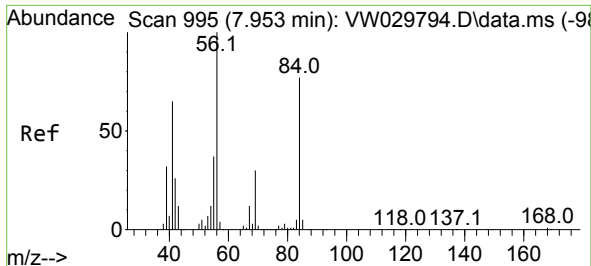
Tgt Ion: 83 Resp: 182880
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.459 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 62 Resp: 132416
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 22.602 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

Instrument :

MSVOA_W

ClientSampleId :

E20N1MS

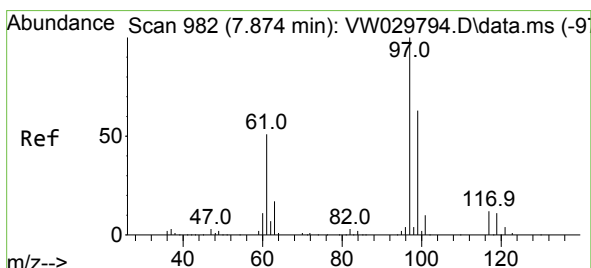
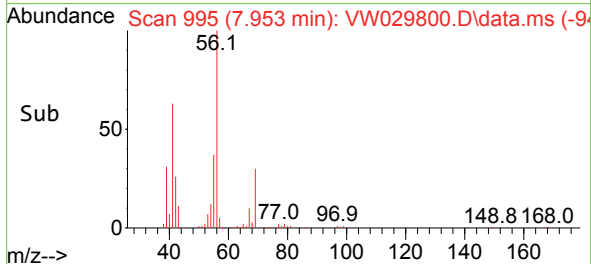
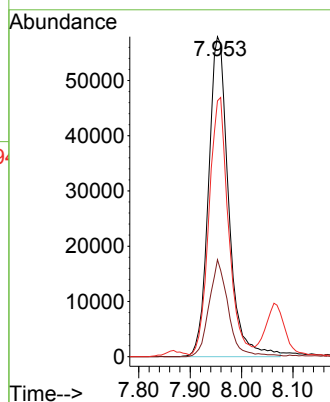
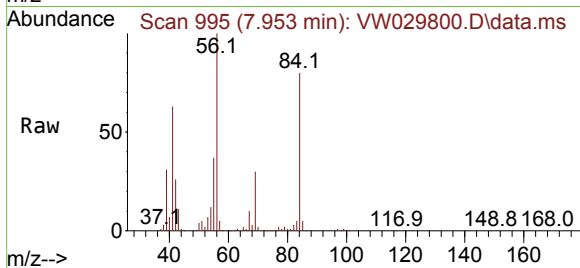
Tgt Ion: 56 Resp: 157262

Ion Ratio Lower Upper

56 100

69 28.1 23.0 34.4

84 78.0 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 22.458 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

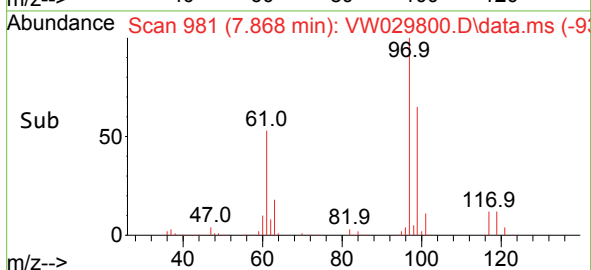
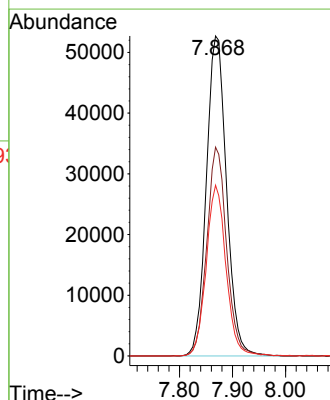
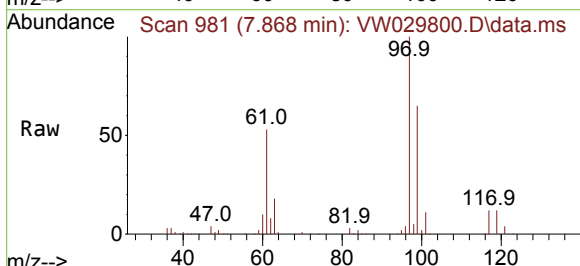
Tgt Ion: 97 Resp: 139247

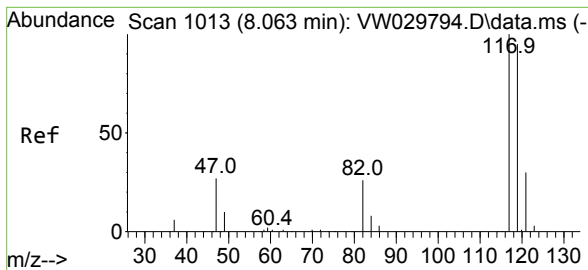
Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 52.2 42.6 63.8

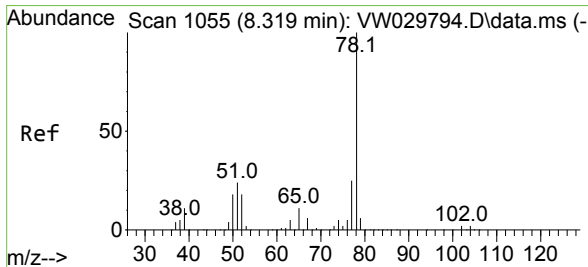
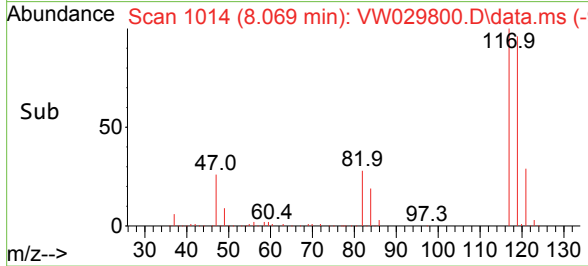
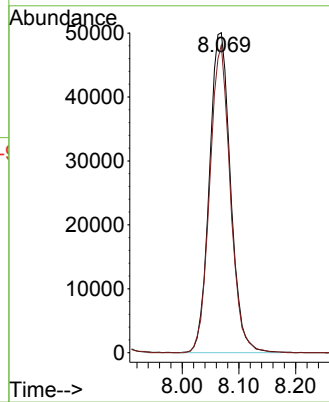
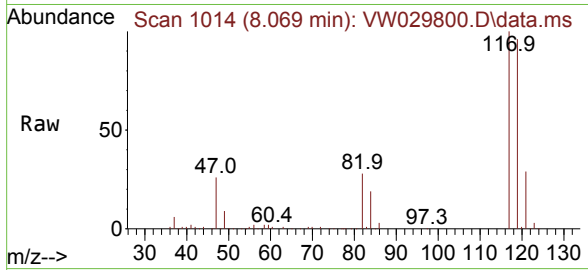




#31
Carbon tetrachloride
Concen: 23.210 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

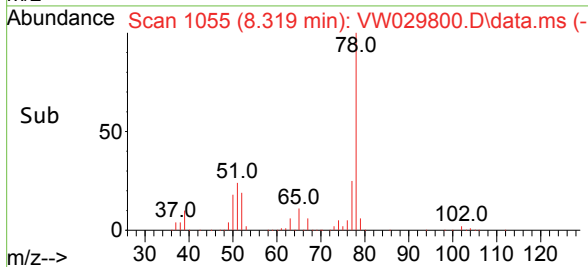
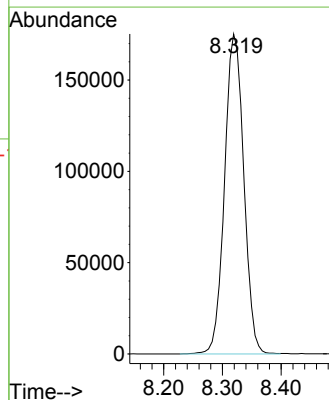
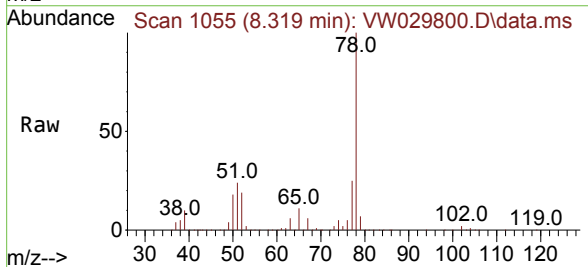
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

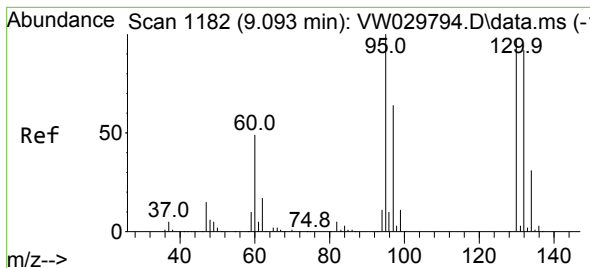
Tgt Ion:117 Resp: 129674
Ion Ratio Lower Upper
117 100
119 93.4 74.8 112.2



#33
Benzene
Concen: 23.765 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 78 Resp: 398689





#34

Trichloroethene

Concen: 22.796 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

Instrument :

MSVOA_W

ClientSampleId :

E20N1MS

Tgt Ion: 95 Resp: 100251

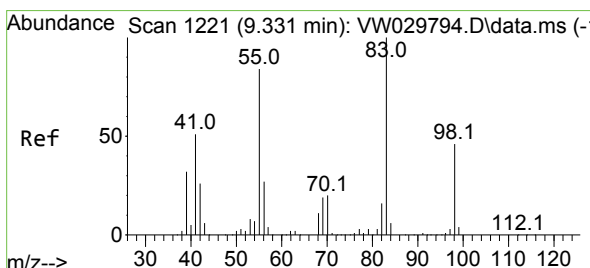
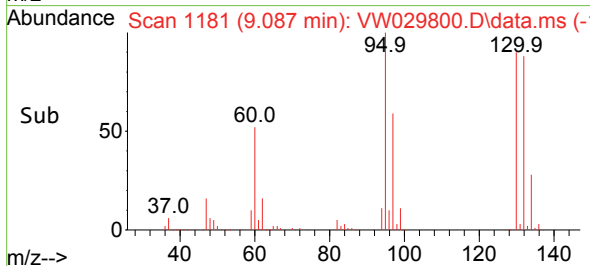
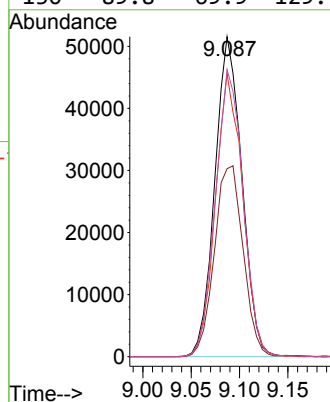
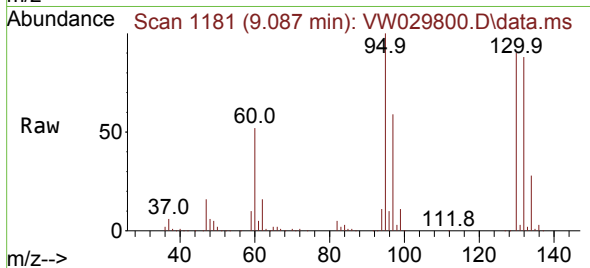
Ion Ratio Lower Upper

95 100

97 58.8 45.6 84.8

132 88.3 65.2 121.0

130 89.8 69.9 129.7



#35

Methylcyclohexane

Concen: 23.278 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

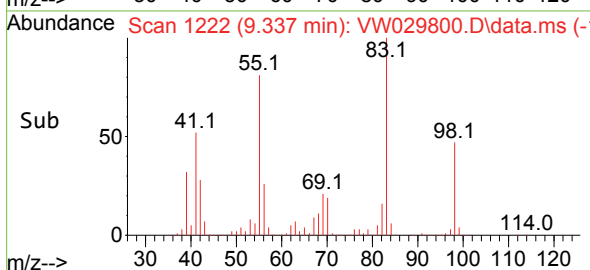
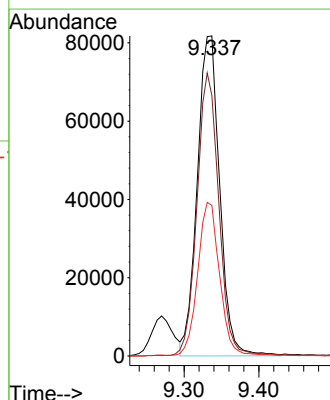
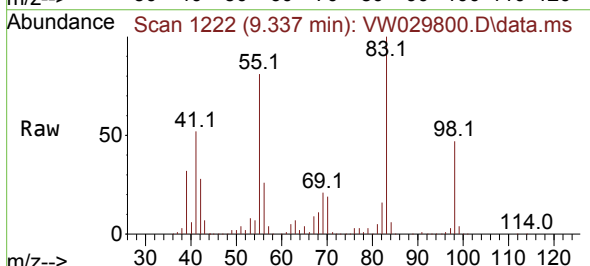
Tgt Ion: 83 Resp: 170583

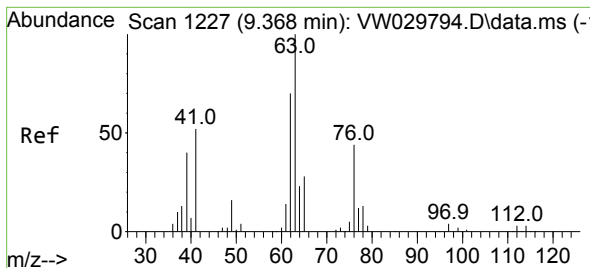
Ion Ratio Lower Upper

83 100

55 85.6 67.4 101.2

98 46.7 36.7 55.1

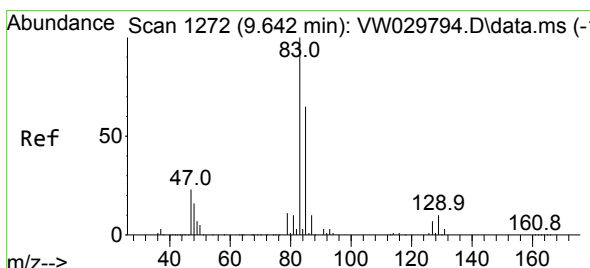
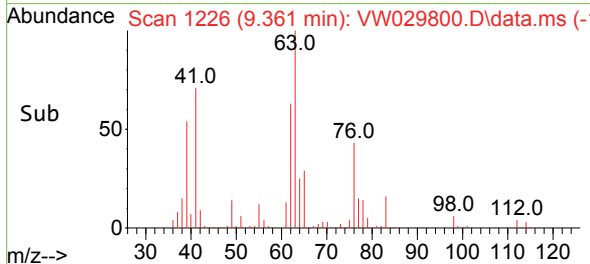
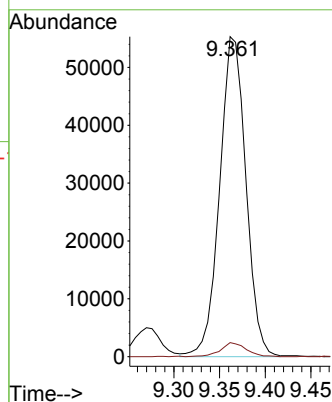
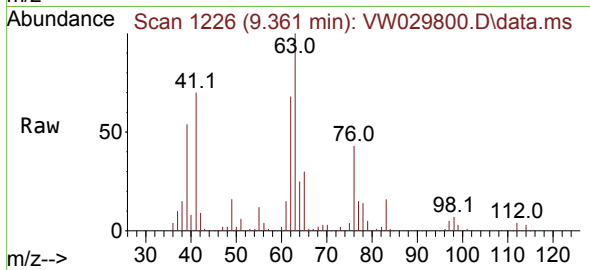




#37
1,2-Dichloropropane
Concen: 24.072 ug/L
RT: 9.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

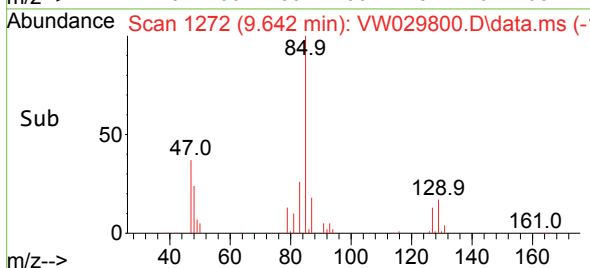
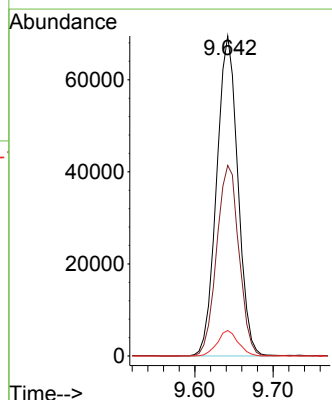
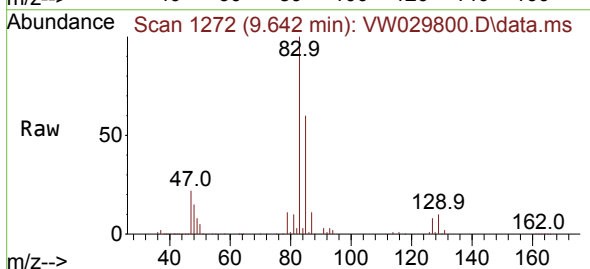
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

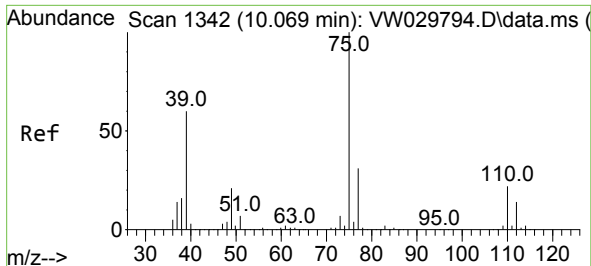
Tgt Ion: 63 Resp: 110666
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 23.950 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 83 Resp: 131116
Ion Ratio Lower Upper
83 100
85 59.6 46.6 86.6
127 8.0 5.9 8.9

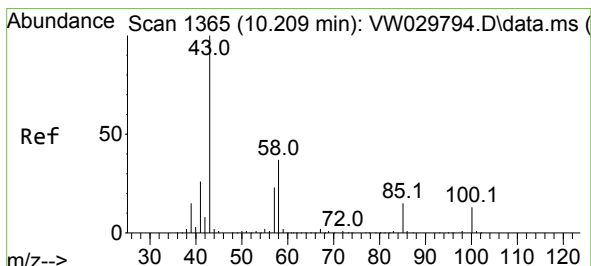
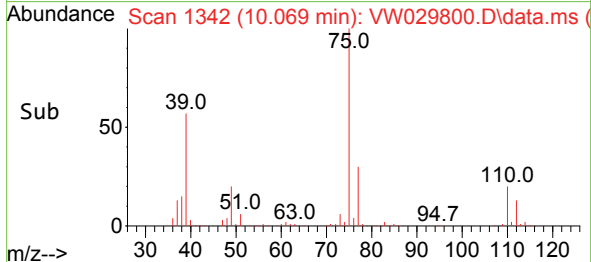
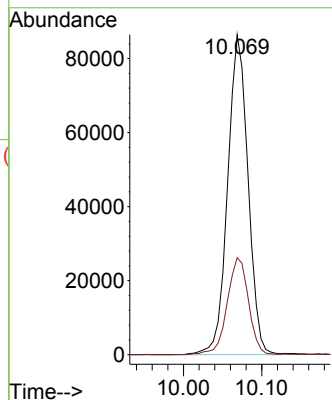
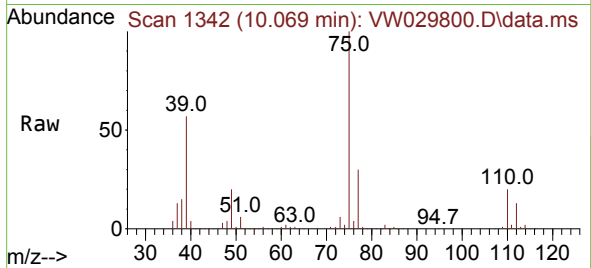




#39
cis-1,3-Dichloropropene
Concen: 23.324 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

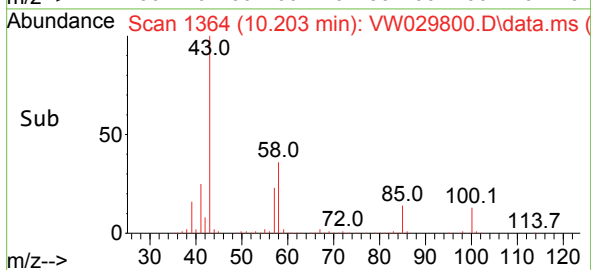
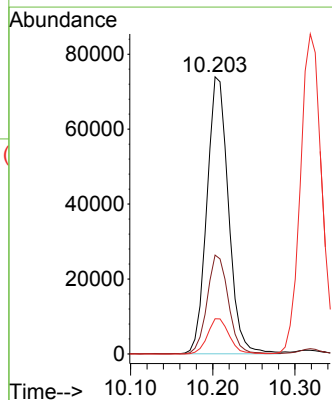
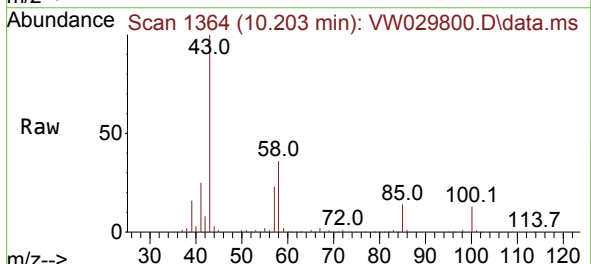
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

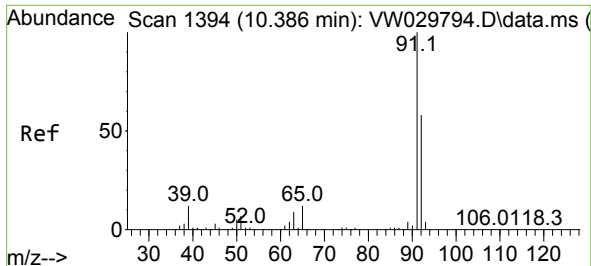
Tgt Ion: 75 Resp: 156159
Ion Ratio Lower Upper
75 100
77 30.3 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 46.222 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 43 Resp: 134975
Ion Ratio Lower Upper
43 100
58 35.4 28.7 43.1
100 12.8 10.0 15.0





#42

Toluene

Concen: 23.773 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

Instrument :

MSVOA_W

ClientSampleId :

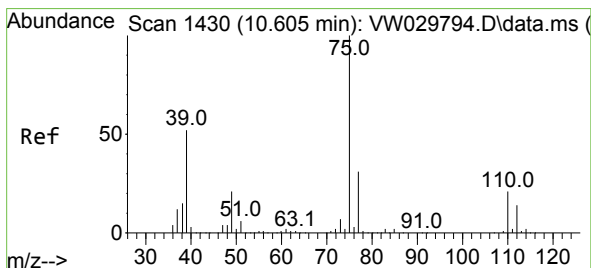
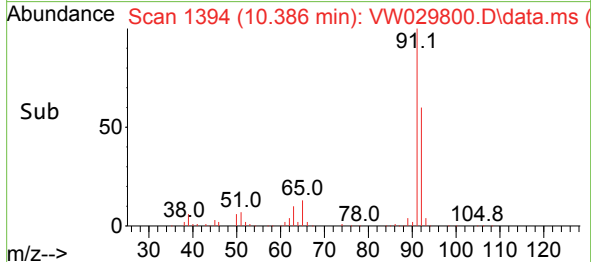
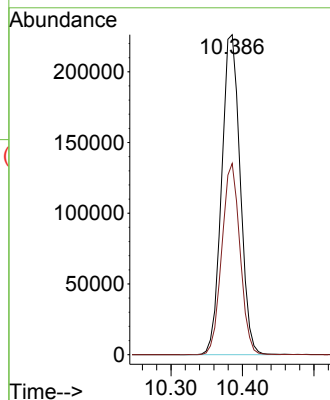
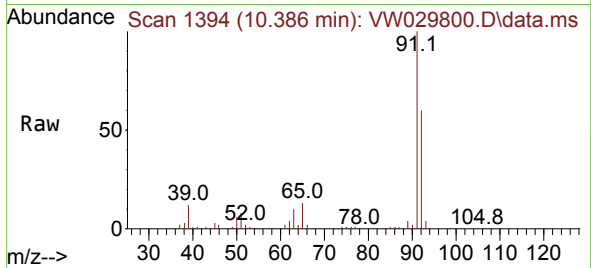
E20N1MS

Tgt Ion: 91 Resp: 407086

Ion Ratio Lower Upper

91 100

92 59.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 23.321 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029800.D

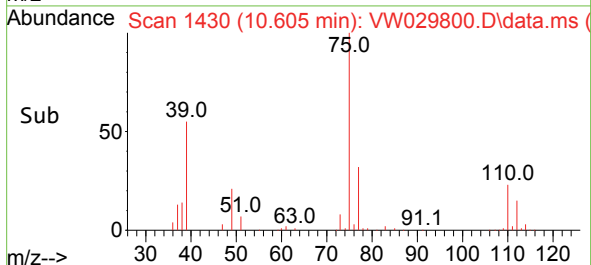
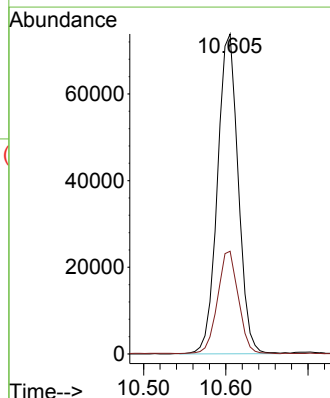
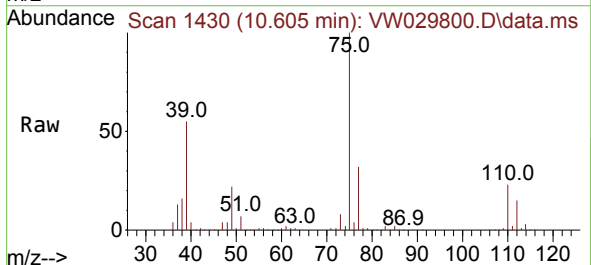
Acq: 30 Jul 2024 14:16

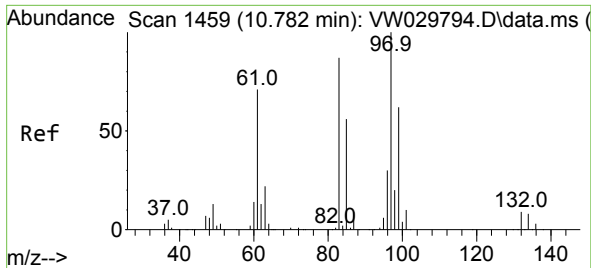
Tgt Ion: 75 Resp: 129619

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0

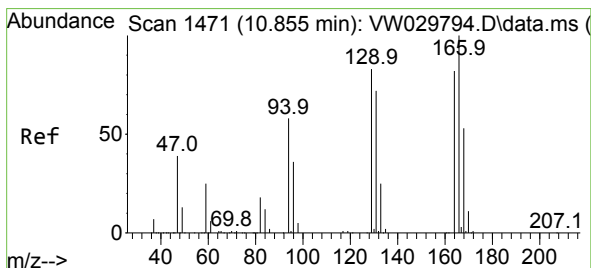
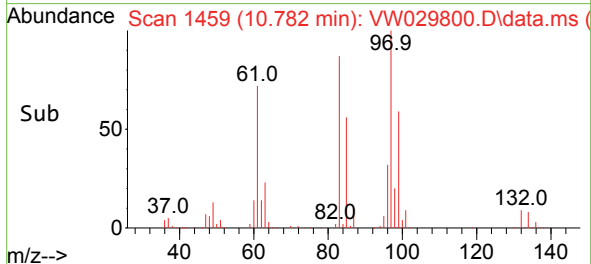
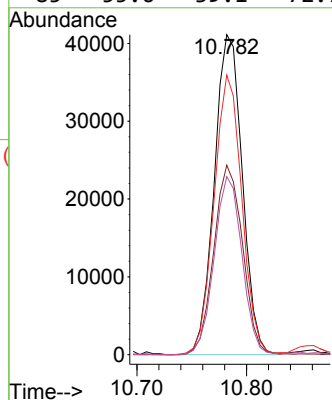
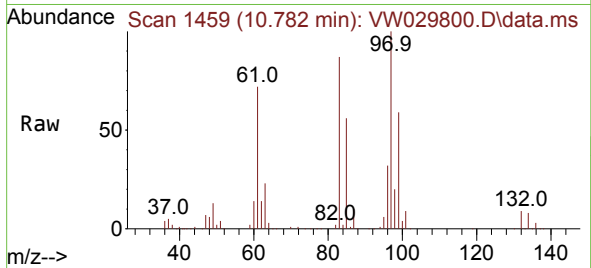




#45
1,1,2-Trichloroethane
Concen: 23.646 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

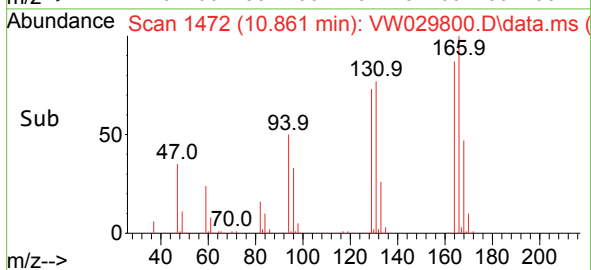
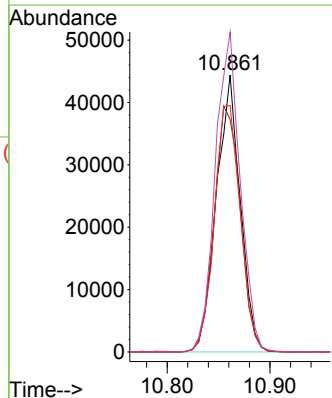
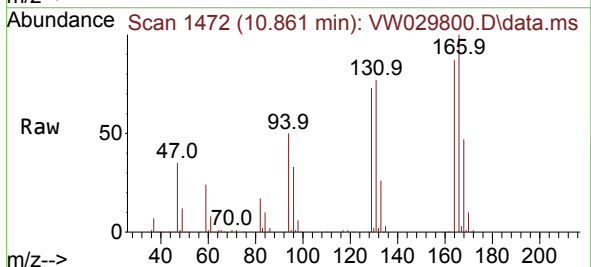
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

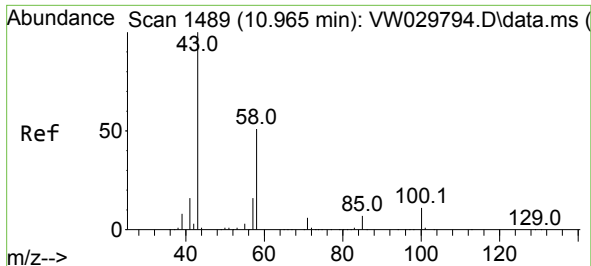
Tgt Ion: 97	Resp: 73031
Ion Ratio	Lower Upper
97 100	
99 59.2	40.1 74.5
83 87.4	58.5 108.7
85 55.6	39.1 72.7



#46
Tetrachloroethene
Concen: 22.357 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

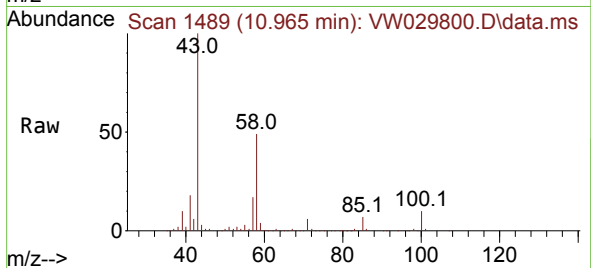
Tgt	Ion:164	Resp:	71464
Ion	Ratio	Lower	Upper
164	100		
129	84.0	77.8	144.6
131	89.0	70.9	131.7
166	115.6	91.5	169.9



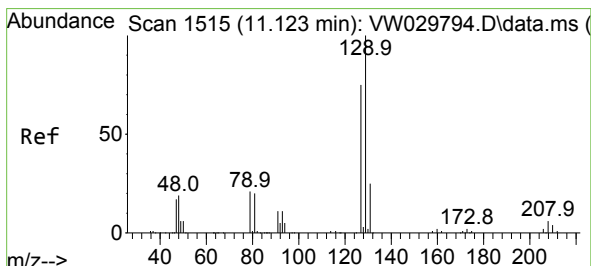
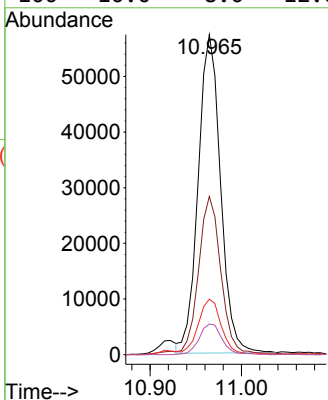
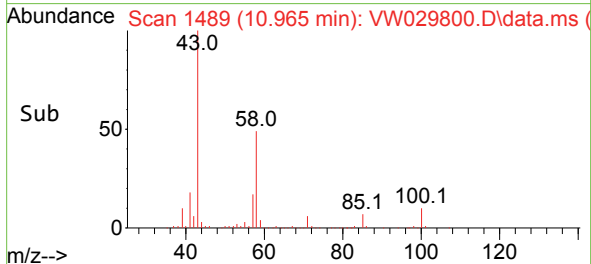


#48
2-Hexanone
Concen: 44.459 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

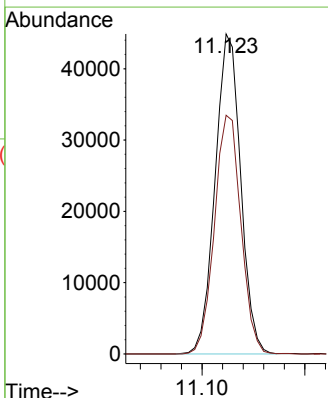
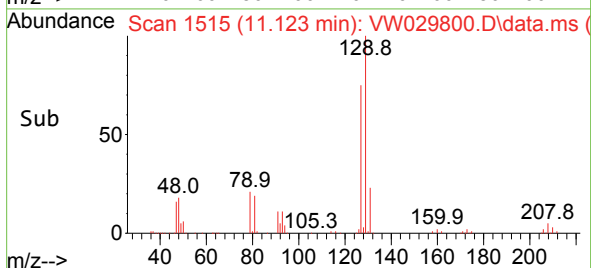
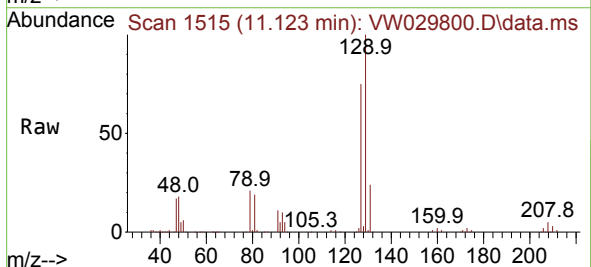


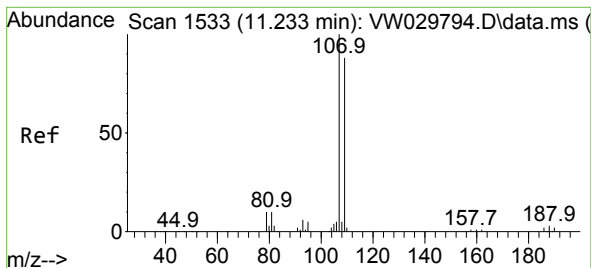
Tgt Ion:	43	Resp:	97233
Ion	Ratio	Lower	Upper
43	100		
58	49.2	41.0	61.4
57	17.8	14.1	21.1
100	10.0	8.0	12.0



#49
Dibromochloromethane
Concen: 24.165 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:	129	Resp:	77478
Ion	Ratio	Lower	Upper
129	100		
127	74.6	52.4	97.2

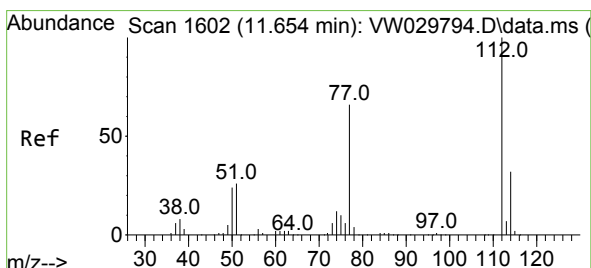
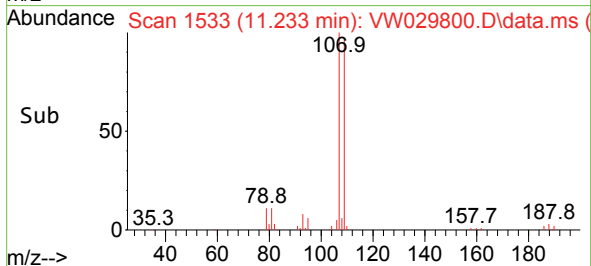
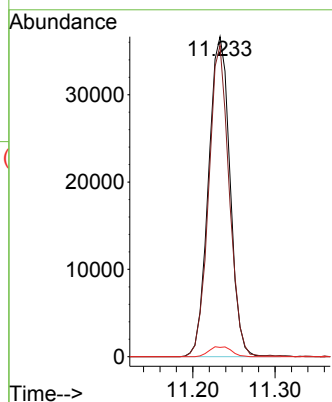
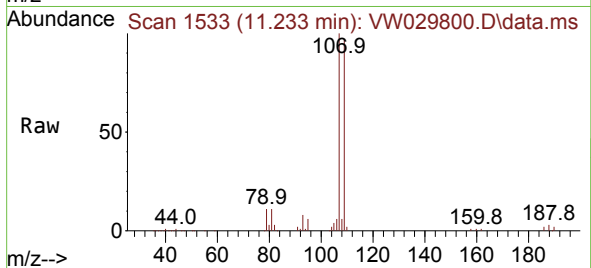




#50
1,2-Dibromoethane
Concen: 23.240 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

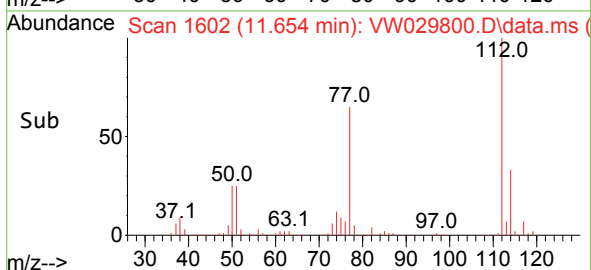
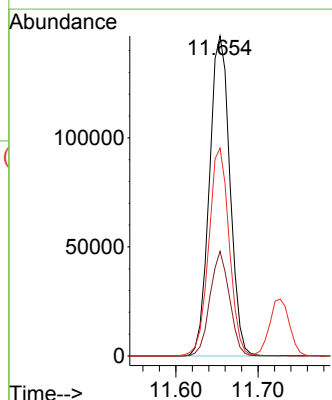
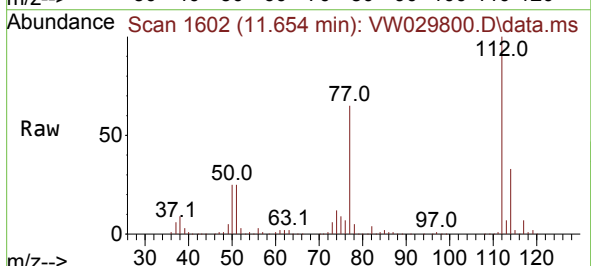
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

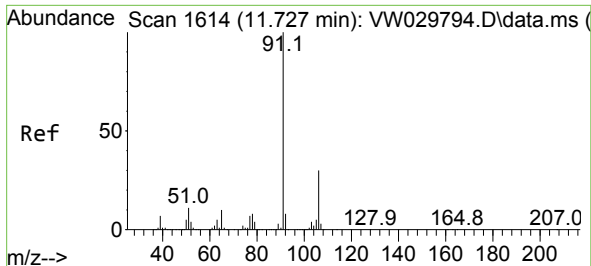
Tgt Ion:107 Resp: 66411
Ion Ratio Lower Upper
107 100
109 97.3 64.8 120.3
188 2.9 2.7 4.1



#51
Chlorobenzene
Concen: 23.872 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:112 Resp: 254268
Ion Ratio Lower Upper
112 100
114 32.7 22.0 40.8
77 65.0 53.8 80.8





#52

Ethylbenzene

Concen: 23.751 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029800.D

Acq: 30 Jul 2024 14:16

Instrument :

MSVOA_W

ClientSampleId :

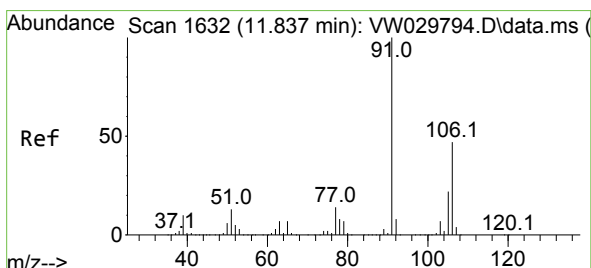
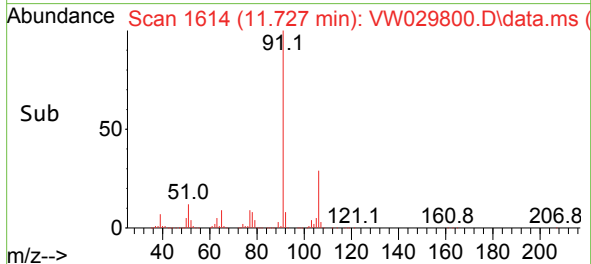
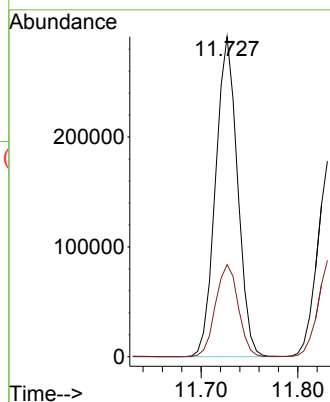
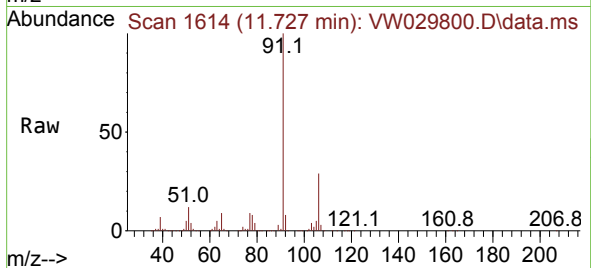
E20N1MS

Tgt Ion: 91 Resp: 458781

Ion Ratio Lower Upper

91 100

106 28.7 20.4 38.0



#53

m,p-Xylene

Concen: 24.248 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029800.D

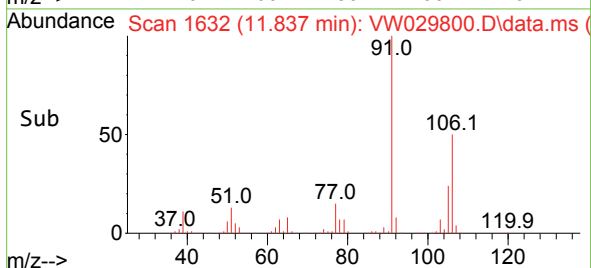
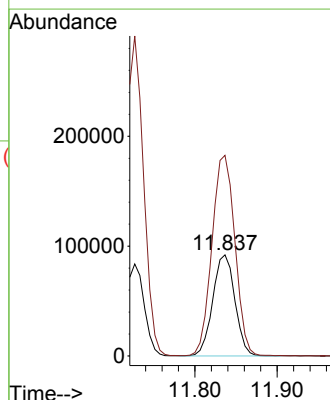
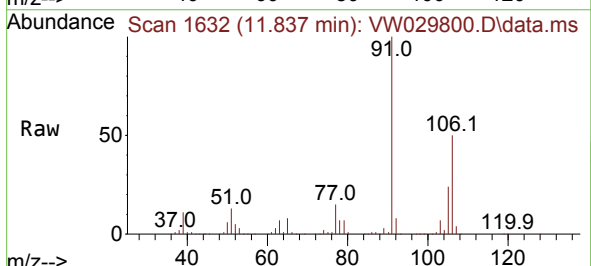
Acq: 30 Jul 2024 14:16

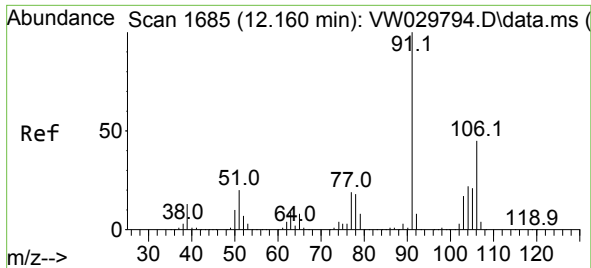
Tgt Ion:106 Resp: 172256

Ion Ratio Lower Upper

106 100

91 198.4 151.4 281.2

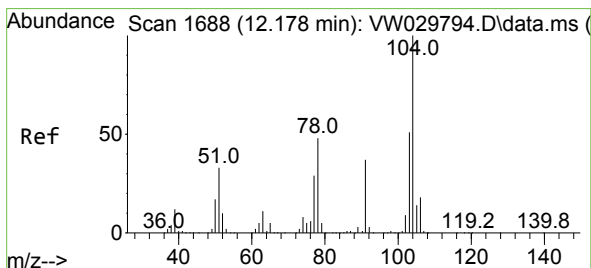
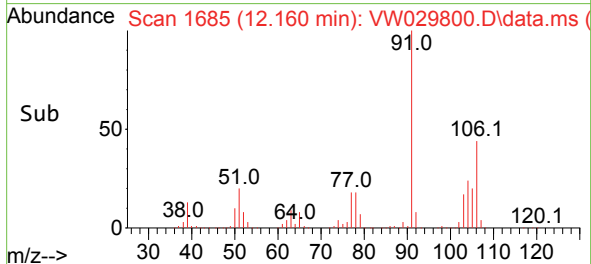
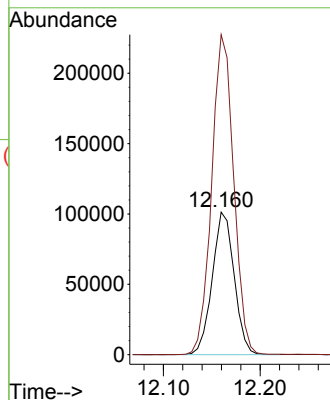
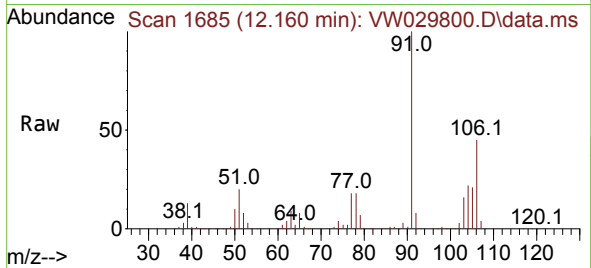




#54
o-Xylene
Concen: 24.402 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

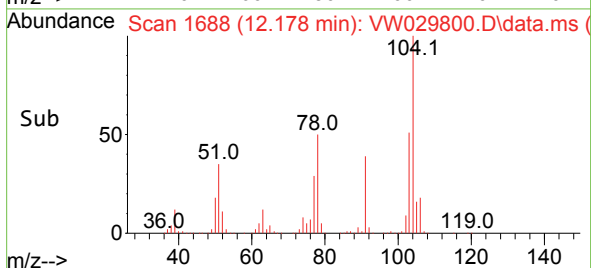
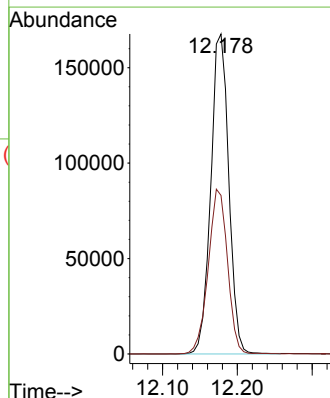
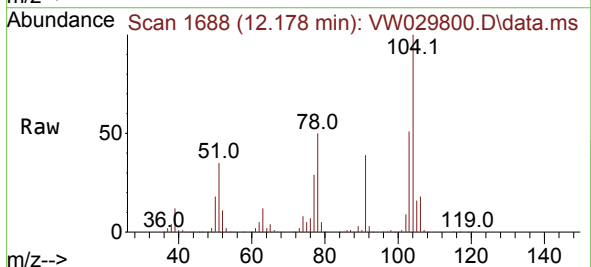
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

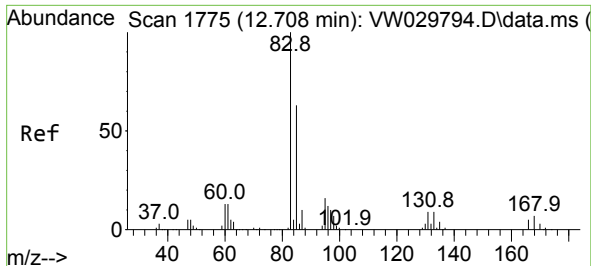
Tgt Ion:106 Resp: 159634
Ion Ratio Lower Upper
106 100
91 224.4 155.8 289.4



#55
Styrene
Concen: 24.709 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:104 Resp: 280188
Ion Ratio Lower Upper
104 100
78 49.5 33.3 61.9

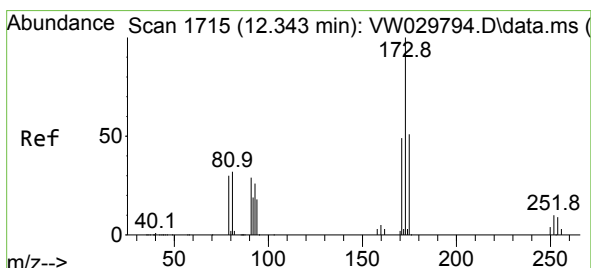
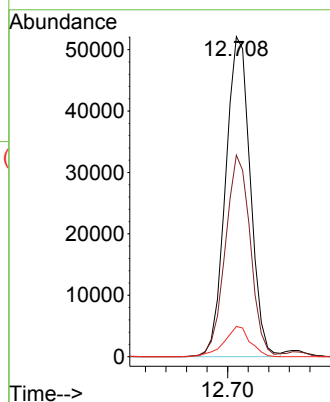
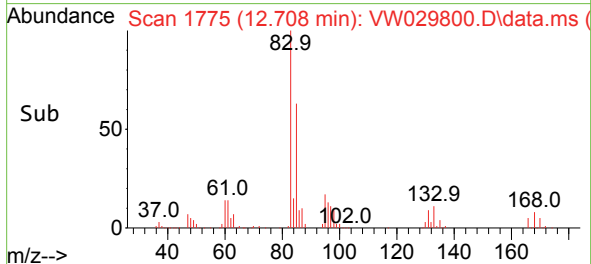
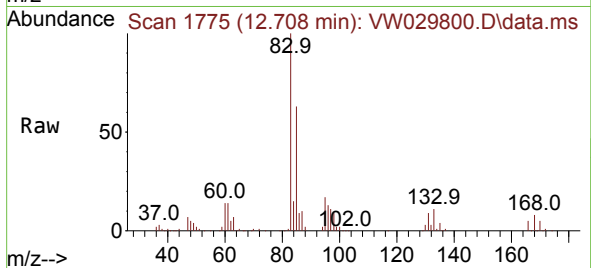




#57
1,1,2-Tetrachloroethane
Concen: 22.934 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

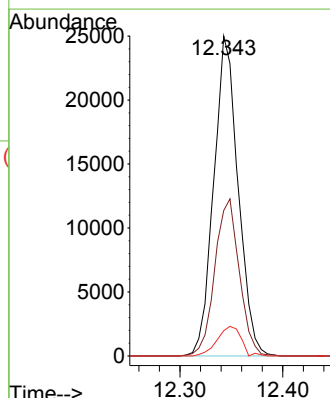
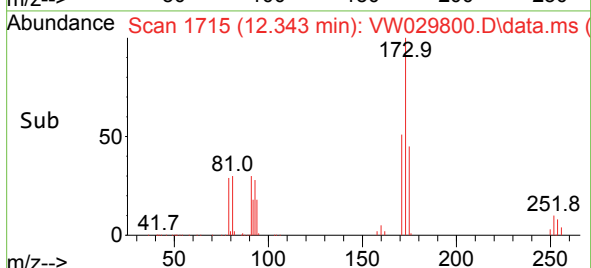
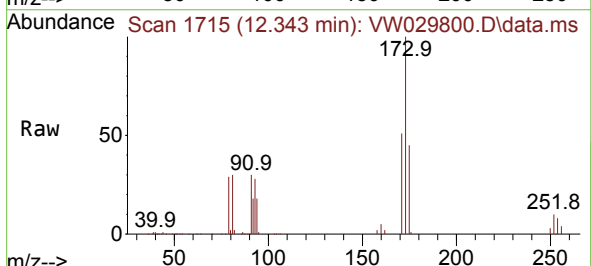
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

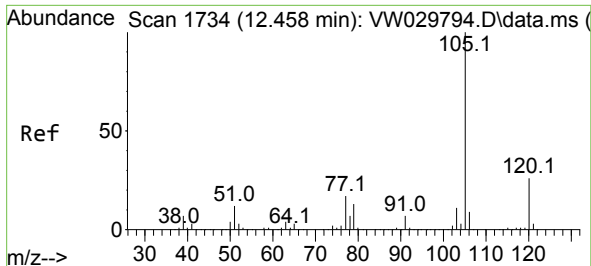
Tgt Ion: 83 Resp: 86937
Ion Ratio Lower Upper
83 100
85 63.0 44.2 82.0
131 9.4 6.2 9.2#



#59
Bromoform
Concen: 22.452 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:173 Resp: 41155
Ion Ratio Lower Upper
173 100
175 49.2 38.1 57.1
254 8.8 7.8 11.6

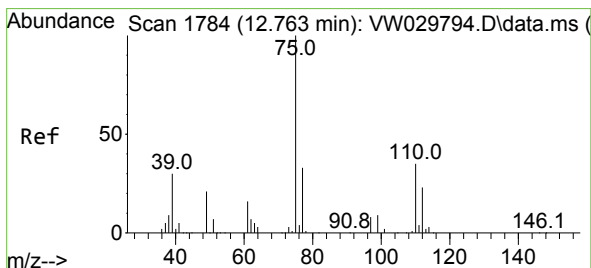
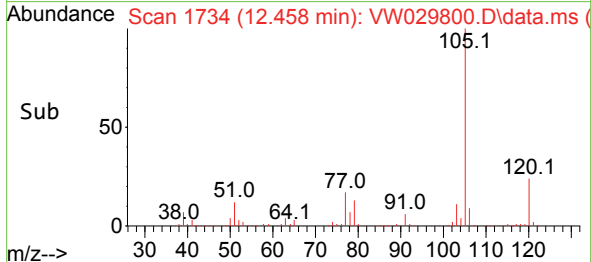
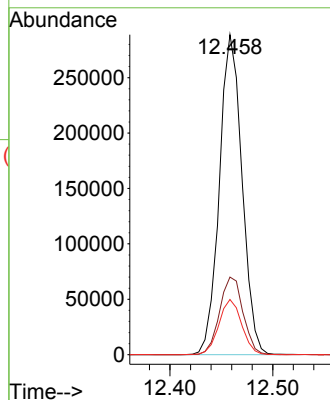
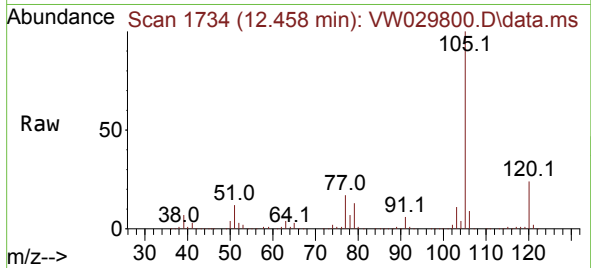




#60
Isopropylbenzene
Concen: 23.443 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

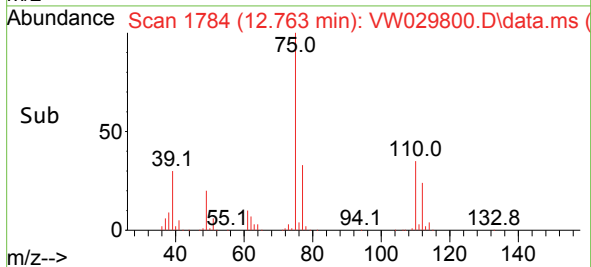
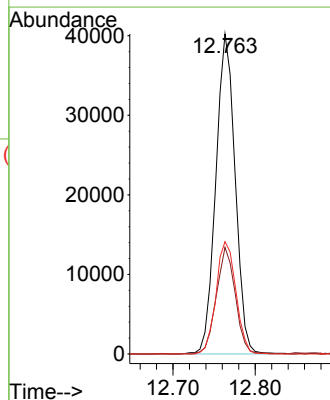
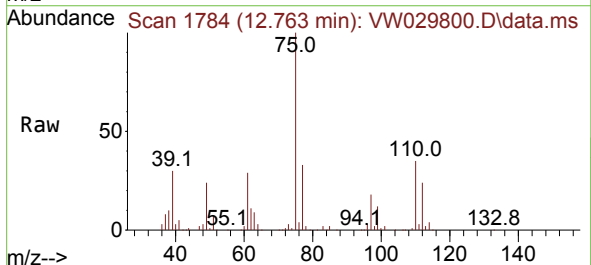
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

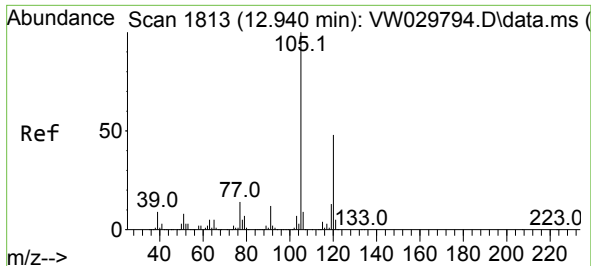
Tgt Ion:105 Resp: 441902
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.4 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 22.209 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 75 Resp: 65799
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
110 35.9 28.6 43.0

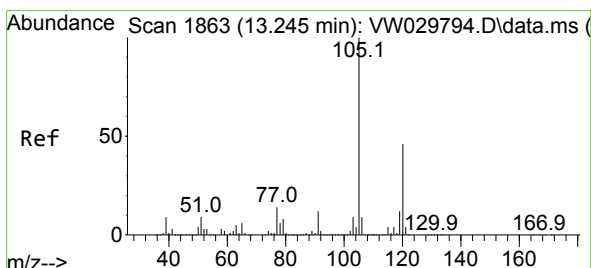
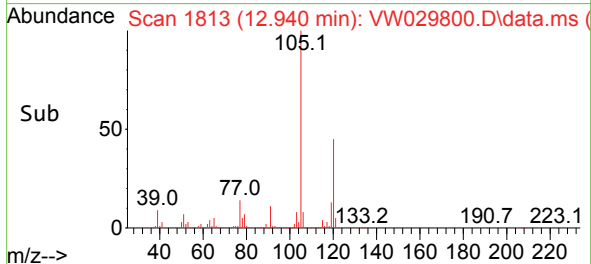
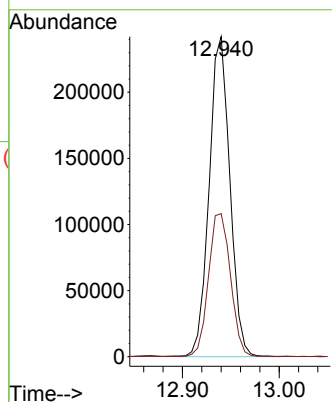
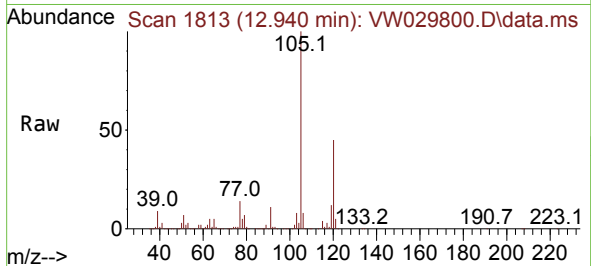




#62
1,3,5-Trimethylbenzene
Concen: 25.751 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

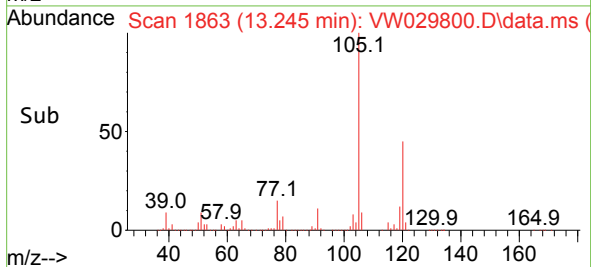
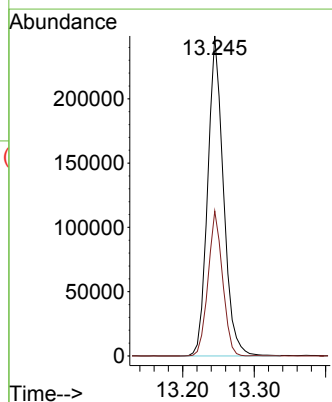
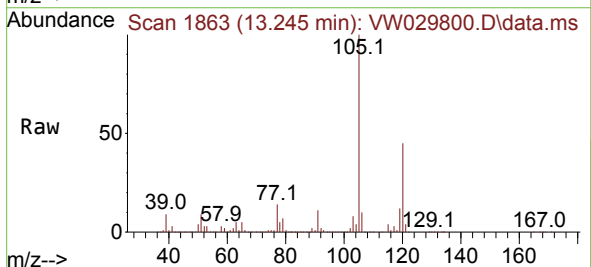
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

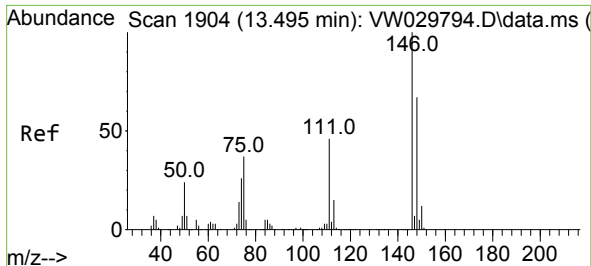
Tgt Ion:105 Resp: 360802
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.424 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:105 Resp: 380968
Ion Ratio Lower Upper
105 100
120 41.6 35.4 53.0

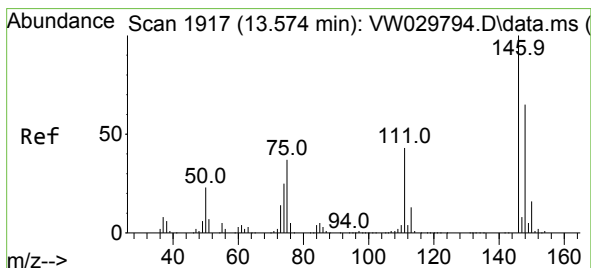
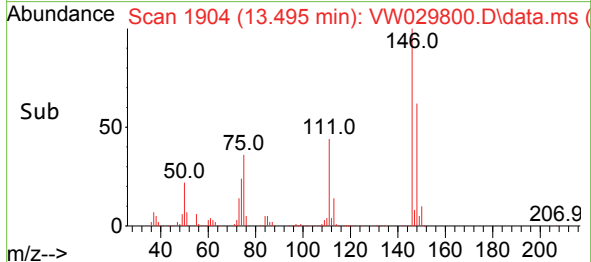
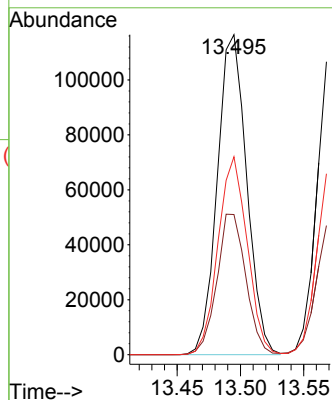
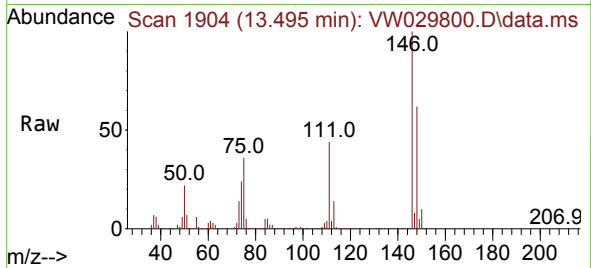




#64
1,3-Dichlorobenzene
Concen: 23.418 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

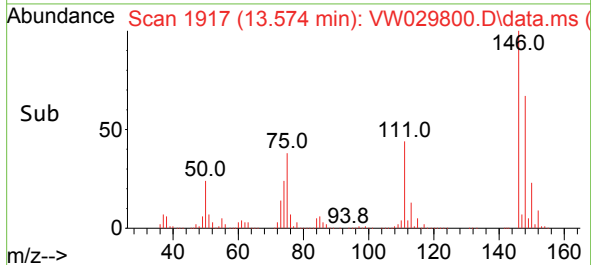
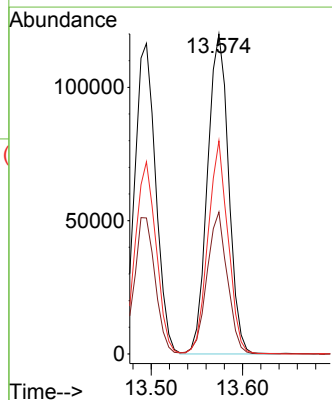
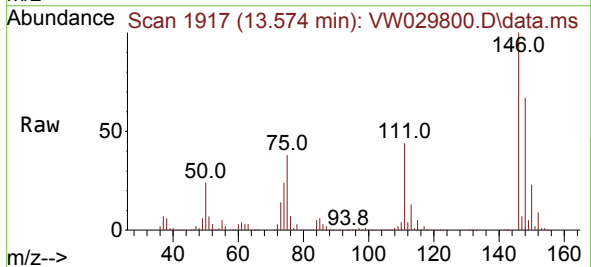
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

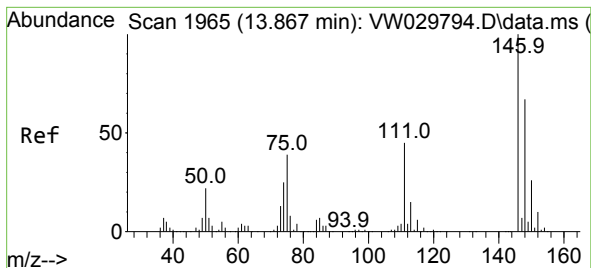
Tgt Ion:146 Resp: 188343
Ion Ratio Lower Upper
146 100
111 43.8 28.7 53.3
148 61.9 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 23.275 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:146 Resp: 192281
Ion Ratio Lower Upper
146 100
111 44.3 30.1 55.9
148 66.6 45.4 84.4

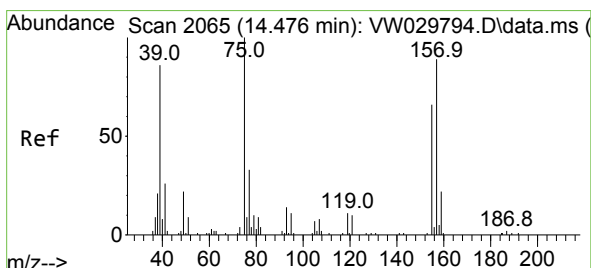
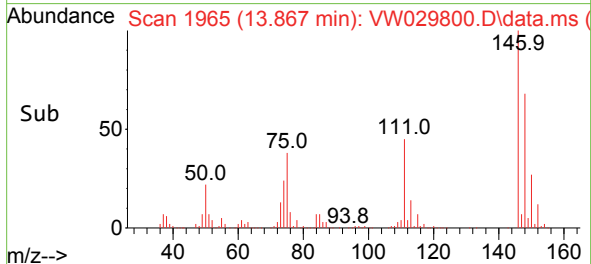
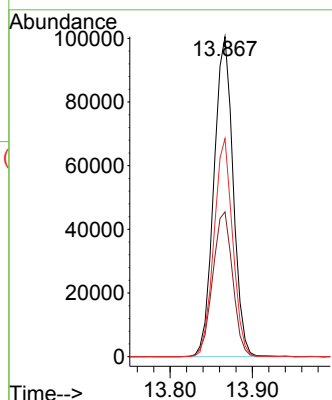
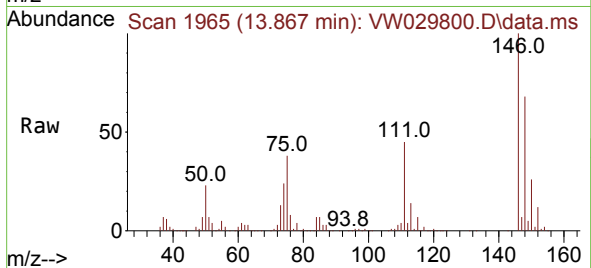




#67
1,2-Dichlorobenzene
Concen: 22.234 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

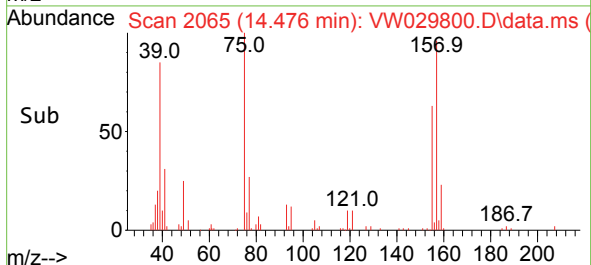
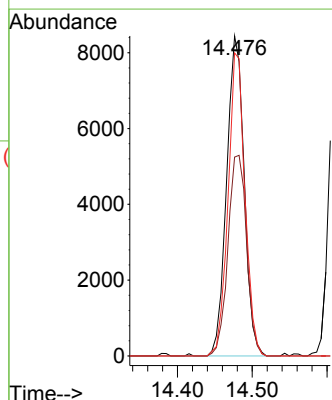
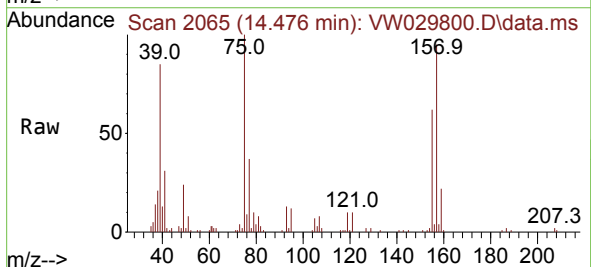
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

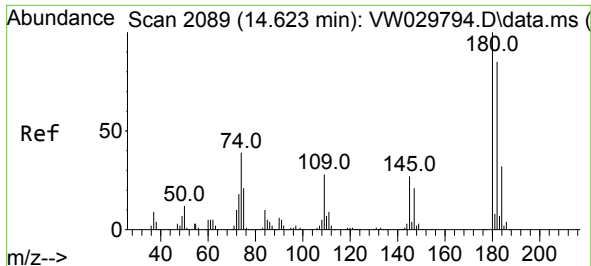
Tgt Ion:146 Resp: 162798
Ion Ratio Lower Upper
146 100
111 45.2 35.8 53.8
148 68.2 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 20.496 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion: 75 Resp: 13788
Ion Ratio Lower Upper
75 100
155 62.2 47.8 71.6
157 94.7 63.7 95.5

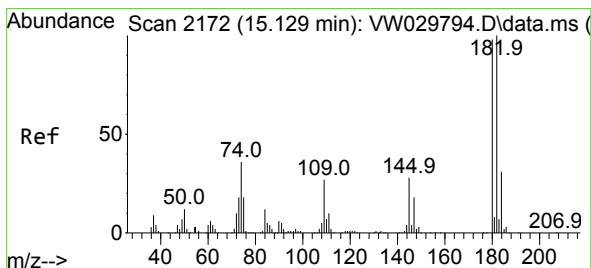
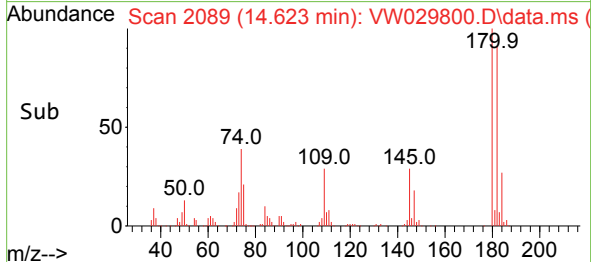
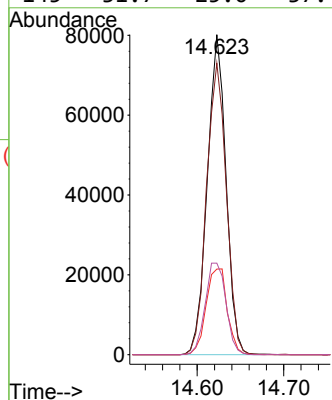
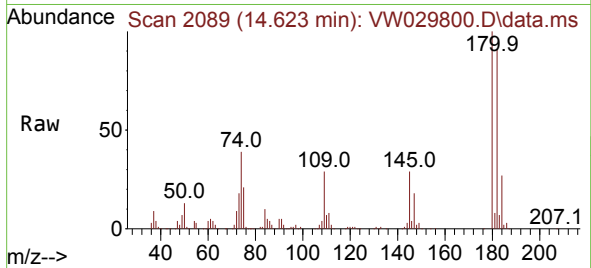




#69
1,3,5-Trichlorobenzene
Concen: 21.957 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

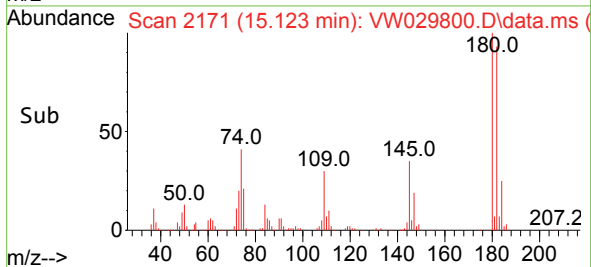
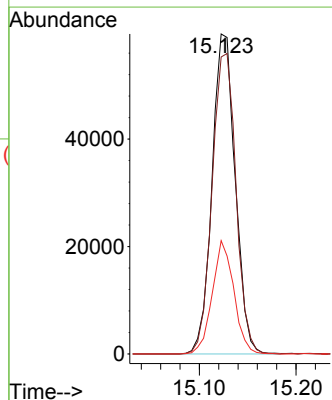
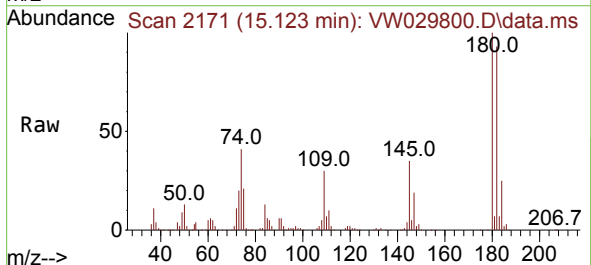
Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

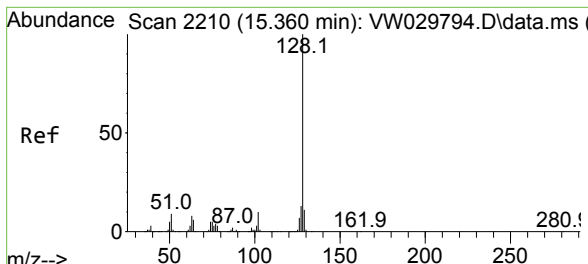
Tgt Ion:180 Resp: 120823
Ion Ratio Lower Upper
180 100
182 95.6 72.7 109.1
184 30.3 23.3 34.9
145 31.7 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 21.402 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:180 Resp: 99214
Ion Ratio Lower Upper
180 100
182 96.7 80.2 120.4
145 33.0 26.3 39.5



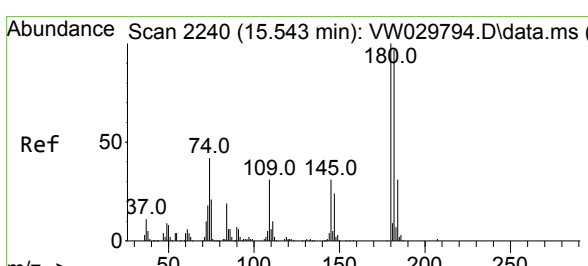
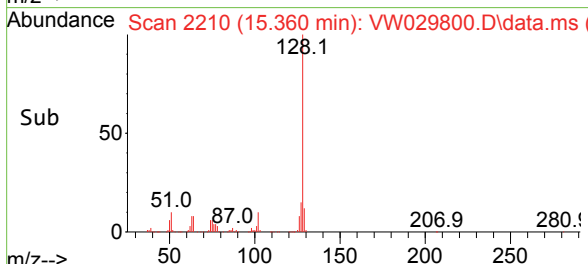
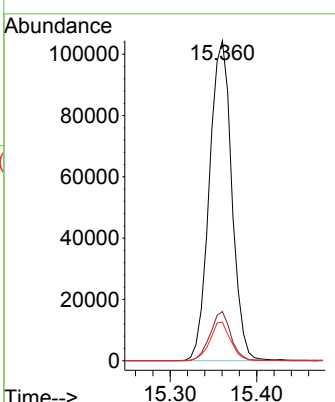
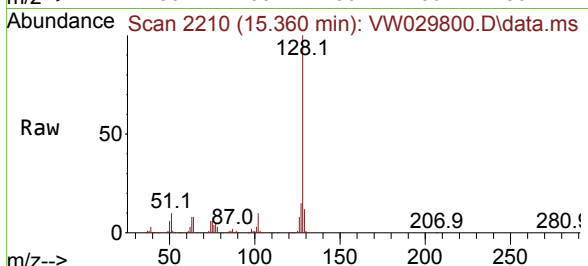


#71
Naphthalene
Concen: 21.225 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Instrument :
MSVOA_W
ClientSampleId :
E20N1MS

Tgt Ion:128 Resp: 187743

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.7	16.1
129	11.2	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.486 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW029800.D
Acq: 30 Jul 2024 14:16

Tgt Ion:180 Resp: 94349

Ion	Ratio	Lower	Upper
180	100		
182	93.6	74.0	111.0
145	32.4	27.5	41.3

